

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

STURDY SEEDS

FOR GARDEN LAWN AND FARM

1918



Weeber & Don

STURDY SEEDS

—Seed Merchants & Growers—

114 CHAMBERS STREET

NEW YORK

PLEASE READ CAREFULLY

To enable us to execute orders more promptly and to the complete satisfaction of our customers, we offer the following suggestions and information:

NAME AND ADDRESS.—Write your name, post office, nearest express office, county and state, as distinctly as possible. Some orders reach us without name or address, and in such cases it is impossible for us to fill orders until we hear from the sender again.

PRICES.—In the event of unforeseen circumstances arising, we reserve the right to advance the price of any article offered in this catalog without notice, although at the time of going to press no such increase is anticipated. Orders should reach us early to prevent disappointment.

FREE DELIVERY.—We deliver free anywhere in the United States, by mail or express, vegetable and flower seeds quoted by the packet, ounce and quarter pound, as well as our "Bonnie seed" Lawn Grass.

If pints and quarts of peas, beans and corn are wanted by mail, please add postage according to your parcel post zone rate, as shown below. One pint will weigh one pound; one quart two pounds.

PARCEL POST.—Seeds of all kinds, plants, bulbs and roots are now included in the parcel post regulations, the rate for relatively short distances being lower than express rates. For large shipments, express rates are the cheaper. A complete table, showing the rates for all zones and upon all weights, will be found below.

SPECIAL EXPRESS RATE.—Seeds, bulbs and plants are now carried by express companies at special rates, termed "Second Class," which means a reduction of about 20 per cent. less than regular merchandise rate, a saving to the buyer of one-fifth from regular rates.

CANADIAN ORDERS.—Vegetable and Flower Seeds in packets or ounces will be mailed postage paid into Canada, but for larger quantities add one cent per ounce for postage. For Peas, Beans and Corn add 15 cents per pint, 30 cents per quart. The cost of Canadian import duties must be borne by the customer.

HOW TO ORDER AND REMIT.—Remittance should be made by Express Money Order, or P. O. Money Order, Bank Draft, or Registered Letter. If goods are wanted (by parcel post or express) C. O. D., 25 per cent. of the amount must accompany the order. Plants we do not send C. O. D.

ORDERS FROM UNKNOWN CORRESPONDENTS—without remittance, should be accompanied by New York City Reference, to save delay.

PACKING.—We make no charge for packing except where specified, nor for delivery to boats, depots or express offices.

CHANGE OF RESIDENCE.—It is necessary that we should be informed of any change of residence, to forward our catalog regularly. Should any customer fail to receive a catalog at the usual time, upon receipt of postal, another copy will be forwarded.

RECOMMENDATIONS.—We are sincerely grateful to the numerous customers who kindly recommend our house, and on being favored with the name and address of any friend possessing a garden, we shall always be pleased to forward our catalog.

NON-WARRANTY.—Weeber & Don give no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seed, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.—W. & D.

TABLE OF PARCEL POST RATES

Parcels of seeds, bulbs and plants weighing less than 8 oz. are subject to postage rates of $\frac{1}{2}$ cent per ounce; over 8 oz. at lb. rates. Parcels of general merchandise weighing 4 oz. or less are mailable at one cent per oz.; over 4 oz. at pound rates.

We deliver free in the United States all seeds quoted by the pkt., oz., $\frac{1}{4}$ lb. and such other goods where special mention of free delivery is made.

For all other goods, if wanted by Parcel Post, postage must be added as per table below. Add up total weight of your order (except items delivered free) and add postage according to zone rates below. On beans, corn and peas figure 1 pt. as 1 lb., 1 qt. as 2 lbs., etc. If in doubt obtain your zone rate from your postmaster.

Weight Limit.—The weight limit within the 1st and 2d zones is now 50 lbs., and within all other zones 20 lbs. For packages in excess of 20 lbs. in weight the express rates are much lower. The charge by express is the same collect or prepaid.

DOMESTIC PARCEL POST RATES

Within the U. S. and Possessions						First pound or fraction	Each additional pound or fraction
First zone within	50 miles of New York City						
Second " "	50-150	"	"	"	"	5c.	1c.
Third " "	150-300	"	"	"	"	5c.	1c.
Fourth " "	300-600	"	"	"	"	6c.	2c.
Fifth " "	600-1000	"	"	"	"	7c.	4c.
Sixth " "	1000-1400	"	"	"	"	8c.	6c.
Seventh " "	1400-1800	"	"	"	"	9c.	8c.
Eighth " "	all over 1800	"	"	"	"	11c.	10c.
						12c.	12c.

Where the amount remitted for postage is in excess of the actual amount required, such excess will be refunded to the sender. When remittance includes postage always add the amount of postage to the bottom of the order. This will avoid errors.

OUR NUMBER
(We insert this)

United States Food
Administration
License No.
G-15984

We deliver free anywhere in the United States, by mail or express, vegetable and flower seeds quoted by the packet, ounce and quarter pound, as well as our "Bonnie-seed" Lawn Grass.

When pints and quarts of peas, beans and corn are wanted by mail, please add postage according to your parcel post zone rate, as shown in Catalog. We send field seeds, fertilizers, implements, and bulbs in larger quantities than dozens, by express or freight at customer's option and charges collect.

**PARCEL POST ZONE
FROM N. Y.**
(It assists us if you insert
this)

Weeber & Don
STURDY SEEDS
Seed Merchants & Growers
 114 CHAMBERS STREET NEW YORK

Cable Address:
"MUSHROOM," New York

Telephones { 7740 } Barclay
 { 7741 }

*P. O. Box, Street,
or Rural Delivery* _____

Post Office _____

County _____ State _____

Station or Express Office _____
Only if different from Post Office

Send by _____ State if wanted by Mail, Express, or Freight

Date _____ 1918

AMOUNT ENCLOSED

P. O. Money Order \$_____

Stamps \$_____

Cash \$_____

Check \$_____

Send currency or coin by registered mail

We give no warranty, express or implied, as to description, quality, productiveness or other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned at our expense. W. & D.

[illegible]

Recognizing that seeds are scarce, you have my permission to substitute another for any particular variety which may be sold out as the season advances, provided you send me equally reliable sorts to the same value { Initial here if this is your wish; if left blank we refund the price paid for any goods that cannot be supplied.

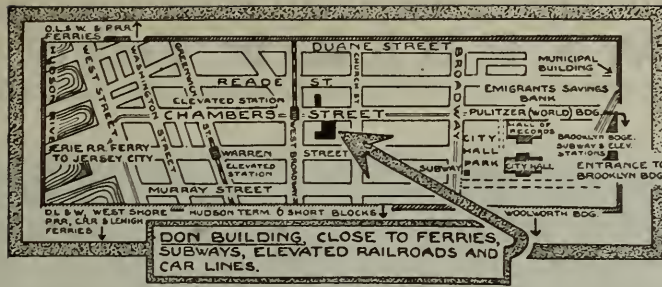
Additional copies of this Order Sheet gladly sent on application.



THE HOUSE OF

Weeber & Don

Established nearly
HALF A CENTURY



HOW TO GET TO US. We are conveniently located in the centre of Down-Town New York, and we particularly invite our Friends to favor us with a call when visiting the Metropolis.



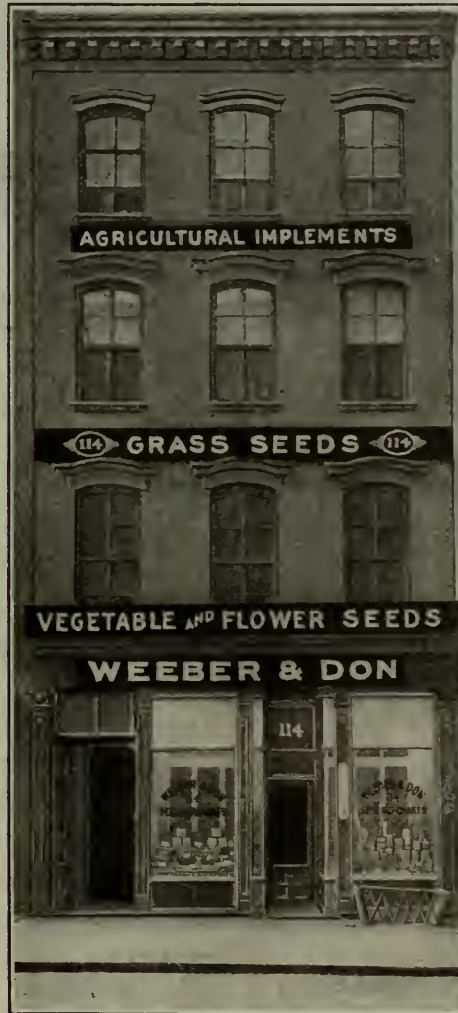
THE HOUSE OF

Weeber & Don

Established nearly
HALF A CENTURY



SHIPPING DEPARTMENT



MAIN BUILDING



MAIL ORDER SERVICE



RETAIL STORE



CORRESPONDENCE DEPARTMENT



MIXING BONNIESEED

RELIABILITY is the chief consideration in deciding which Seedsman shall serve you; you run no risks with "Sturdy Seeds."

SERVICE is almost as important; you get what you want when you want it—in other words, we give your order real attention.



WEEBER & DON'S EXHIBITOR'S COLLECTION

Our selection of the thirty best vegetables, specially grown for Prize
Winning. **\$3.50**

This Collection is for Private Gardeners and Expert Amateurs who require a small quantity of the very choicest varieties to grow for competition. It contains the very best of everything in Vegetables, namely one packet each of:

- | | |
|---|--|
| BEAN, Masterpiece Forcing, green pod | LETTUCE, Weeber & Don's Improved Big Boston |
| Bountiful, green pod | Mammoth Black Seeded Butter |
| Weeber & Don's Improved Golden Wax | LEEK, Weeber & Don's Giant Exhibition. |
| Fordhook Bush Lima | MUSKMELON, Seth Low. |
| Burpee's Giant Podded Pole Lima | ONION, Selected Ailsa Craig |
| BEET, Weeber & Don's Early Model | PARSNIP, The Don |
| CABBAGE, Weeber & Don's Improved Copenhagen | PEAS, Gradus or Prosperity |
| Market | Potlatch |
| Weeber & Don's Perfection Drumhead Savoy | Quite Content |
| CAULIFLOWER, Weeber & Don's Early Snowball | PUMPKIN, Jumbo or Mammoth |
| CARROT, Weeber & Don's Improved Danvers | SQUASH, Weeber & Don's Improved Hubbard |
| Aldon Intermediate. | TOMATO, Weeber & Don's Red Ideal |
| CELERY, Weeber & Don's Winter King | TURNIP, Weeber & Don's Early White Six Weeks |
| CORN, The Don | Improved Long Island Ruta Baga |
| CUCUMBER, Weeber & Don's Improved White Spine | WATERMELON, Mammoth Ironclad |
| Improved Telegraph, forcing | |

If the above varieties were purchased separately they would cost in all \$4.20.

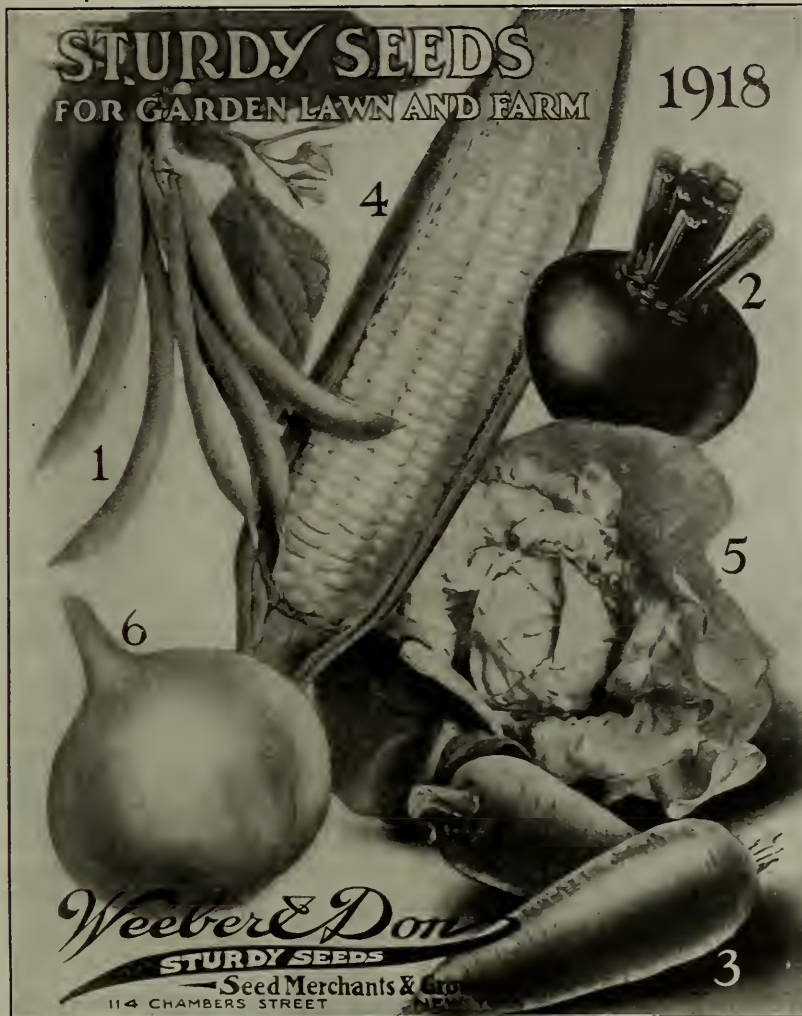
Our Collections are packed before the spring selling season commences, and the quantities we handle enable us to offer particularly favorable bargains; it is not convenient for us to make changes in them, and we request that you do not ask us to do so.



Weeber & Don's Exhibitor's Collection is mailed free to any part of the United States or Canada.



Reproduction
of the Cover
of this Catalog



Featuring the
six best War
Garden Vegetables

Be Patriotic—Plant A Garden

Also Practice War Economy by investing this year in:—

Weeber & Don
STURDY SEEDS

Six Reliable Vegetables

Beets, Carrots and Onions in strictly reliable varieties for immediate use and for storing; Beans and Corn for immediate use and canning; to these five highly nourishing vegetables are added health-giving Lettuce, making six kinds in all; the six most important vegetables the patriotic War Gardener will grow.

- 1 BEAN, BOUNTIFUL.** Delicious flat thick green pods. Very abundant and early; the best snap bean grown, and an excellent sort to allow to ripen to be shelled for Winter use.
Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.
- 2 BEET, EARLY BLOOD TURNIP.** A nearly round Beet, very early and with fine red flesh. The tops of this sort are medium large and they make excellent "Greens."
Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.
- 3 CARROT, HALF LONG DANVERS.** The flesh is sweet, tender and crisp; does not become stringy and there is little or no core. The color is a beautiful rich orange. Danvers does well on all soils.
Pkt. 5 cts., oz. 25 cts., ¼ lb. 85 cts., lb. \$3.00.

- 4 CORN, GOLDEN BANTAM.** A wonderful corn for the large or small garden; the ear is small, but of the most remarkable sweetness. A finer variety is not in existence, and once grown it is always grown.
Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.
- 5 LETTUCE, BIG BOSTON IMPROVED.** Everybody's favorite. The large, compact plants are a foot across, and have a crisp and deliciously tender centre. For both spring and fall planting it has no superior.
Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.
- 6 ONION, YELLOW GLOBE.** A winner in every way; tender and well flavored flesh, large size and excellent keeping qualities.
Pkt. 5 cts., oz. 45 cts., ¼ lb. \$1.50.

These Six Splendid Vegetables Together Form Our Aldon Collections:

Aldon Collection No. 1 Includes one packet each of these six best vegetables, and is sufficient seed for a garden plot about 12 ft. by 12 ft. The net weight of the seeds is about 12 ozs. We mail this Collection to any part of the United States or Canada for..... **50 cts.**
One dozen Collections..... **\$5.50**

Aldon Collection No. 2 Comprises one packet each of Lettuce and Corn, one ounce each of Beet, Carrot and Onion and one pint of Beans; enough for a space 25 ft. by 25 ft. The net weight of the seeds is about 1½ lbs. We mail this Collection to any part of the United States or Canada for.... **\$1.50**
One dozen Collections..... **\$16.50**

NOVELTIES IN FLOWER SEEDS FOR 1918

NEW GIANT ANTIRRHINUMS

- GOLDEN GEM.** This is a fine deep yellow; with very large flowers. The finest yellow variety yet offered. The plants are of strong sturdy habit and growth. **Pkt. 35 cts.**
- VULCAN.** An excellent variety for bedding. Plants of medium height. Flower an intense crimson-scarlet; dark foliage. Strongly recommended. **Pkt. 35 cts.**
- FLAMINGO.** Flowers deep terra cotta, with orange-yellow center, white throat, very large and a very strong grower. **Pkt. 35 cts.**
- FELTHAM BEAUTY.** The largest flowering Antirrhinum yet produced. Of deep rose-pink with white center, it is very free flowering and of a robust growing habit. **Pkt. 25 cts.**
- ORANGE BEAUTY.** A very large flower of orange scarlet hue with gold lip. **Pkt. 25 cts.**
- NELROSE.** Rich coral-pink, large flowers. A splendid sort for the greenhouse. **Pkt. 25 cts.**
- SILVER PINK.** A new color of great merit. A striking and lovely variety; soft silvery pink, the most pleasing and effective color yet introduced. The seed we offer is saved from carefully selected spikes grown under glass. **Pkt. \$1.00.**

AQUILEGIA, MRS. SCOTT ELLIOTT'S STRAIN

We import specially this fine strain; the colors are wonderful and in size they are immense, the result of fifty years' close attention by this well-known expert. Long spurred. Award of Merit R.H.S. Certificate of Merit, Scottish Horticultural Association. **Pkt. 50 cts.**

ASTER, W. & D.'s MASTERPIECE

For complete description see page 60.

In mixture, **20 cts. per pkt., 1000 seeds 60 cts.**, and in the following colors separate: white, flesh pink, rose, dark blue, light blue and crimson: **20 cts. per pkt., 1000 seeds 75 cts.**

CHINESE WOOLFLOWER (Celosia Plumosa.)

This plant has real merit as a bedder and is already becoming popular in spite of the fact that it has only been introduced from China about three years.

The plant grows two or three feet high, the blooms starting early in a central globular head which often reaches the immense size of two feet in circumference; many branches are sent out and each bears a ball of scarlet wool, the color of the flowers being a deep crimson-scarlet. Woolflower blooms well into frost. **Pkt. 25 cts.**

CLARKIA, W. & D.'s PRIZE

Beautiful annual flowers now much used for forcing and also elegant for bedding; they deserve the widest cultivation. Our varieties are exceptionally fine and the colors beautiful.

DOROTHY. Brilliant rose, identical in color with the well-known climbing rose "Dorothy Perkins," a lovely new shade. **Pkt. 35 cts.**

SCARLET BEAUTY. Flowers brilliant salmon-scarlet, fully double, and produced in long sprays. Indispensable for the garden and greenhouse. **1/4 oz. 75 cts., \$0.15**

FIREFLY. Vivid crimson-scarlet, exceptionally double. **1/4 oz. 50 cts., .15**

CHAMOIS QUEEN. Delicate pale chamois; very double. **1/4 oz. 75 cts., .15**

SALMON QUEEN. Beautiful salmon-pink; double. **1/4 oz. 50 cts., .15**

COSMOS, NEW DOUBLE CRESTED

An entirely new class, producing extremely double flowers, beautifully crested and most striking in appearance. A large percentage come true from seed both as to color and doubleness. The few singles which this strain produces are of the largest size and very beautiful.

DOUBLE WHITE QUEEN. Snow white, crested. **Pkt. 25 cts.**

DOUBLE PINK BEAUTY. Shell pink, crested. **Pkt. 25 cts.**

DOUBLE CRIMSON KING. Crimson crested. **Pkt. 25 cts.**

DOUBLE FINEST MIXED. **Pkt. 25 cts.**

CYCLAMEN

W. & D.'S SUPERB GIANT PRIZE VARIETIES

To those who really want the best we recommend the following strains with all confidence as the largest and most improved of all Giant-flowering Cyclamen. The seed we offer has been saved for us in England by a specialist, only from his choicest, largest-flowering and most perfect plants, and therefore cannot fail to produce flowers of the finest substance.

WHITE PERFECTION. Pure white. **Pkt. 25 cts.**

AIGBURTH CRIMSON. Intense crimson. **Pkt. 25 cts.**

LILAC. Beautiful lilac-rose. **Pkt. 25 cts.**

PRINCESS MAY. White, with rose tip. **Pkt. 25 cts.**

PEACH BLOSSOM. Delicate pink. **Pkt. 25 cts.**

ROSY MORN. Delicate rose. **Pkt. 25 cts.**

SALMON. Distinct and beautiful. **Pkt. 25 cts.**

CHOICE MIXED. **Pkt. 25 cts.**

DELPHINIUM, AZURE FAIRY

A very welcome addition to the annual section of flowers; of the Blue Butterfly type, but of a most delicate shade of light blue. About a foot in height. Blue bedding annuals are scarce; here is one that has come to stay. **Pkt. 25 cts.**

LEPTOSYNE STILLMANNI

A beautiful bright yellow Marguerite, long stemmed and very free flowering, a great favorite for forcing in greenhouses. Flowers six weeks after sowing. Excellent for cutting. **Pkt. 20 cts.**

LUPINUS POLYPHYLLUS, LAVENDER QUEEN

Very pretty lavender tinted rose, a lovely new shade in this class of Lupinus. **Pkt. 35 cts.**

LYCHNIS ARKWRIGHTII

A cross between Chalcidonica and Haageana with flowers that are greatly improved. Grows from two to three feet high. **Pkt. 35 cts.**

MIGNONETTE

W. & D.'S FORCING "MATCHLESS"

A highly perfected and unequalled strain of Mignonette for greenhouse forcing; of robust and vigorous growth, producing immense, well-formed spikes of deliciously fragrant flowers. When we say unequalled, "we mean that there is no strain, no matter by whom offered, that can compare with our Matchless" in perfection, length and thickness of its spikes and general health and vigor of the plants. **Pkt. containing 150 seeds \$1.00**

MYOSOTIS, BLUE EYES

The color is a telling bright blue, and is particularly effective when seen in the mass. The plant is robust. **Pkt. 35 cts.**

PANSIES

W. & D.'S AMERICAN SHOW. The World's Best in size, form, and coloring, and by far the largest of all giant-flowering strains. The plants are full of vigor, the blooms immense, perfect in form, and of great substance. **Pkt. 50 cts., 1/8 oz. \$2.50, 1/4 oz. \$4.50.**

THE NEW WINTER-BLOOMING GIANT PANSIES

"WORLD RECORD"

These new Pansies may be announced as an introduction of great importance. Sown at the same time as other Pansies, they begin to flower fully six weeks earlier; the cardinal feature of these plants, however, is their extreme hardiness, which enables them to stand our severest winters and to bloom right on into the Summer. Plants set out in beds in the Autumn will begin to flower outside in March about the time the Crocus breaks through the ground. Moreover, the blooms are of the finest form and attain to a size and brilliancy of coloring such as we meet with only in the foremost productions of Giant Pansies of the day. A special feature is also the delicate Pansy perfume being developed in a marked degree.

WINTER SUN. Splendid bright golden yellow with dark center. **Pkt. \$0.25**

ICE KING. Beautiful silvery white with black-blue center. **.25**

CELESTIAL QUEEN. Lovely sky-blue with very little center marking. **.25**

MARCH BEAUTY. A deep velvety blue; extra large flower. **.25**

WORLD RECORD MIXTURE. **.25**

POPPY, W. & D.'s NEW ANNUAL HYBRIDS

Gorgeous in coloring, gigantic in size; in every way far superior to others. The range of colors is extraordinary; shell pink, deep pink, old rose, brilliant scarlet, pure white, creamy white; white, pink and cream grounds daintily tinted, speckled or splashed with pink, rose, carmine and scarlet. Many of the blooms measure six or seven inches in diameter, sixty to seventy per cent of them are very double, all are massive, finely fringed and lacinated.

Poppies generally are not satisfactory as cut flowers; not so this variety, however, for if they are cut as the bud is opening they will remain perfect for nearly a week. **Pkt. 25 cts.**

PRIMULA, MALACOIDES SUPERBA

Deep rosy pink, a new and improved variety, flowers larger and much deeper than the old Malacoides. **Pkt. 50 cts.**

SCHIZANTHUS RETUSUS, "PINK BEAUTY"

This is an exquisite self shade of rose pink, without markings or shading. A unique color, delightfully effective for grouping and for table decorations. **Pkt. 50 cts.**

VIOLA, "LORD NELSON"

This variety may best be described as a more brilliant-hued "Gracilis" but much larger. It is extremely beautiful in its glowing violet-purple coloring, very hardy and floriferous, making it most desirable for rock gardens. **Pkt. 35 cts.**

VEGETABLE SEEDS

SPECIALTIES AND CHOICE VARIETIES

SUTTON'S MASTERPIECE FORCING BEAN

This variety has become very popular and is considered one of the best for forcing. The plant is robust, producing an unusually prolific crop of long handsome pods, which are very tender and entirely stringless in all stages of growth. It matures very quickly. Has also given excellent results when grown outside.
 $\frac{1}{2}$ pt. 60 cts., pt. \$1.00, qt. \$2.00.

SUTTON'S PERFECTION GREEN POD BEAN

A splendid Bean for forcing or for general culture. Not quite as quick growing as some varieties, but possessing every quality that a select Bean should have; round pods, borne in exceptional quantity and over a long period. We recommend it after trial.
 $\frac{1}{2}$ pt. 60 cts., pt. \$1.00, qt. \$2.00.

W. & D.'s FIRST AND BEST CAULIFLOWER

A remarkably early variety, possessing great forcing qualities. The plant is dwarf and its outer leaves are small. The color is perfect, and although the plant itself is small the head is of good size.
 Pkt. 50 cts., $\frac{1}{4}$ oz. \$2.50, oz. \$8.00.

W. & D.'s GIANT EXHIBITION LEEK

The largest Leek in cultivation; has attracted great attention at all the principal shows for the last few years. Its distinguishing points of merit are its immense size and great length of blanched stem. The seed has been saved from plants carefully re-selected, and we are confident that this re-selection of seed will be appreciated by all who grow for exhibition.

Pkt. 50 cts.

W. & D.'s WINTER KING CELERY

This is a winner in every way, being of excellent flavor, always crisp, easily blanched and a splendid keeper. The stalks are of medium to medium-large size, enclosing a golden yellow heart of wonderful quality.

Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.



W. & D's First and Best Cauliflower

THE DON EXTRA EARLY SWEET CORN

This variety is the best of all early sorts, and has for the past eight years proved itself superior in every way. The grains are pure white, marvellously sweet and tender. The ears are large, from eight to ten inches long, and have from ten to twelve rows arranged more or less irregularly on the cob. There is no variety we can more confidently recommend for successful planting throughout the season. Under ordinary good conditions its quality is superb and will surely give satisfaction.

Pkt. 15 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$3.00, pk. \$6.00.

HOWLING MOB SWEET CORN

We possess a particularly good strain of this excellent variety, and we recommend it with fullest confidence to professional and amateur Gardeners alike. Howling Mob is twelve inches taller than Golden Bantam, the cob is white, eight or nine inches long and bearing from twelve to fifteen rows of corn. To say that the flavor is remarkably sweet is to understate our case, and for an early Corn, Howling Mob is certainly an acquisition; in season it ranks with our "Don" and with Golden Bantam. Howling Mob was introduced a few years ago, and during the past season we subjected it to the most severe tests; as a result we unhesitatingly give it high place in our selection of "Varieties of Special Merit." Pkt. 15 cts., pt. 35 cts., qt. 65 cts., pk. \$5.00.

BRITTLE ICE LETTUCE

An excellent sort for general cultivation, as it stands hot weather well. The color is light green, and the fine white fragile heads are over six inches across. The quality is so ultra-refined that it does not ship well, and we do not therefore recommend it to the market gardener; unhesitatingly, however, do we advise it for the home garden and for private estates.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.75.



W. & D.'s Giant Exhibition Leek

VEGETABLE SEEDS—SPECIALTIES AND CHOICE VARIETIES (Continued)

THE NEW HONEY DEW MUSKMELON THE SWEETEST MELON EVER GROWN

This is the Melon that was so much sought after in the New York and Chicago markets during the past year, and is recognized as the sweetest and best flavored variety on the market. It grows to a large size, measuring 6 to 7 inches in diameter and 8 inches in length. The flesh is a rich green color and the rind, when ripe, is a dull white. The vines are vigorous and produce six to ten Melons to the hill. It has excellent shipping qualities and keeps for several weeks.

Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00.

W. & D.'s SETH LOW MUSKMELON

A Melon of very attractive appearance. It is extra large, of round form, with rich salmon-colored flesh that is very thick, and it has an unusually thin rind; it is deeply ribbed, slightly netted and averages in weight from seven to ten pounds. Desirable for growing under glass and outside.

Pkt 15 cts.

TWO GRAND EXHIBITION ONIONS

W. & D.'s SELECTED AILSA CRAIG

The seed we offer of this well-known Onion is selected from the most perfect type and is unrivaled for perfection of form combined with size and weight.

Pkt. 25 cts., oz. \$1.00.

GIGANTIC GIBRALTAR

This variety has become very popular for exhibition purposes, owing to its enormous size. The handsome, large bulbs are nearly globular. The skin is of a light straw color, flesh white, tender and mild.

Pkt. 15 cts., oz. 60 cts.

CRESTED GEM PARSLEY

A dwarf, compact Parsley exquisitely curled and highly ornamental for garnishing purposes. The compact habit of the plant and the fineness of the closely cut foliage are unsurpassed. The best variety for table decoration.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts.

THE DON PARSNIP

A splendid long variety, handsome in form, pure white in skin and flesh, and exceedingly firm and solid. Specially recommended for exhibition and market use.

Pkt. 10 cts., oz. 30 cts.

W. & D.'s EARLY PILOT PEA

A distinct advance on all other round, blue-seeded varieties, producing pods of the Gradus type, but hardier and more prolific; borne mostly in pairs containing about nine large peas of delicious flavor. 3 feet.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., $\frac{1}{2}$ pk. \$3.00.



W. & D.'s Selected Ailsa Craig Onion

Three Popular Forcing Tomatoes "THE DON"

The wonderful bearing quality of The Don and its early ripening make it the one best Tomato of all the earlies. It bears enormously, the plants being covered with clusters of fruit, which average from nine to twelve Tomatoes in each cluster. The fruit itself is of medium size, a beautiful dark red, and globe-like. The flesh is very solid and of excellent flavor. The vines are very robust and strongly branching, being free from disease. Unlike most very early varieties, "The Don" bears not only heavily, but quite continuously.

Pkt. 25 cts.

CARTER'S SUNRISE

A heavy cropper, free setter, and bears fine, medium-sized fruits of excellent quality and flavor.

Pkt. 25 cts.

WINTER BEAUTY

A popular variety, yielding heavy bunches of perfectly formed fruits, deep red in color and of the highest quality.

Pkt. 50 cts.



The Don Tomato



Crested Gem Parsley

"STURDY SEEDS"—General list of Select Vegetables

For the Home Garden and Private Estate

For nearly half a century we have been in business, and we have earned a reputation for RELIABILITY and SERVICE that is second to none. We look with every confidence for a continuance of business from our Customers of past years, and from those who have not previously dealt with us we invite a trial order and so enable us to demonstrate the quality of "Sturdy Seeds."

GOOD SEEDS SCARCER THAN EVER. Many causes connected with the European War have combined to make supplies of seeds ALARMINGLY SHORT, and we therefore advise EARLY ORDERS to avoid any possible disappointment.

NON-WARRANTY. We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.



ARTICHOKE, GLOBE

Plants ready May 1
15 cts. each, \$1.50 per doz., \$10.00 per 100.

LARGE FRENCH. The standard variety.

Seeds per pkt. 25 cts., oz. \$1.25.

One packet provides sufficient plants for 100 ft. of row. The seeds are sown in a carefully prepared patch in the open any time after April 15th and transplanted in the fall to their permanent quarters in rows 3 ft. apart with 3 ft. from plant to plant in the rows. The plant is not strictly hardy and a 4-inch layer of litter or loose manure over the plants during winter is necessary. Globe Artichokes yield the second year from seed; for quicker results have plants, which we also offer.

ARTICHOKE, JERUSALEM

Tubers ready for immediate planting. Qt. 30 cts., pk. \$1.75.

Jerusalem Artichokes are grown like Potatoes, the entire tubers being placed 3 inches deep, 3 ft. from row to row with 1 ft. between the tubers in the row. Plant from April 15th to June 10th, allowing one peck per hundred feet of row.

FREE Ask for "Artichokes, tuberous-rooted and globe," one of our "Leaflets which tell you How."

ASPARAGUS

This is the first and most delicious vegetable we get out of the garden in the spring; appreciated by all. To get the quickest results plant roots. Our three-year-old selected roots will produce a crop which can be cut the second year from planting.

ASPARAGUS ROOTS

PALMETTO. A large, thick, quick-growing variety. Shoots are dark green, roots bear more continuously and are more uniform in size than those of any other variety. It is extremely tender, delicious in flavor and grows well in all sections.

Strong 3-yr. old roots, \$1.75 per 100, \$12.00 per 1000.

CONOVER'S COLOSSAL. This is another standard variety noted for the large size of the shoots.

Strong 3-yr. old roots, \$1.75 per 100, \$12.00 per 1000.

BONVALETTE'S GIANT. An improved Palmetto, said to produce larger stalks and is a stronger grower.

Strong 3-yr. old roots, \$2.75 per 100, \$22.00 per 1000.

Extra strong 3-yr. old roots of Palmetto and Conover's Colossal, for forcing, \$2.50 per 100, \$20.00 per 1000.

Prices on page 43 of older roots for forcing.

ASPARAGUS SEED

PALMETTO. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.00.

CONOVER'S COLOSSAL. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.00.

BONVALETTE'S GIANT. Pkt. 10 cts., oz. 15 cts., ¼ lb. 35 cts., lb. \$1.35.

Directions for Planting

One ounce of seed provides plants for fifty feet. One package for about twenty feet. Rows are usually 1½ feet apart with nine inches from plant to plant. Seeds are sown from April to June in the open ground and afterwards transplanted. Bed bears in three years from seed. Plants may be set out Spring or Fall, when the bed yields in two years. A bed five feet wide by thirty feet long gives a generous supply for the ordinary size family; 135 roots will plant this space.

An Asparagus bed is a permanent investment, and will amply repay the little extra trouble taken in its preparation. Cultivation is simple: The bed should merely be kept weeded and the soil loose. Before planting thorough and deep digging and lavish use of rotted stable or farm-yard manure is necessary.

FREE Ask for "Asparagus," one of our "Leaflets which tell you How."

BRUSSELS SPROUTS

One packet provides sufficient plants for 100 ft. of row; carefully sown and grown 1 oz. produces 3000 plants, but the market gardener usually allows one-half pound per acre. Seeds are sown in the open ground about May 25th (near New York) and transplanted into rows 2½ feet apart, allowing 18 ins. between the plants; let them occupy ground that has just borne a crop of beans, lettuce or other short season crop. Brussels Sprouts are not ready until frost, and being very hardy, they may remain in the ground all winter in mild sections. For the green cabbage worm which attacks this crop use "Slug-Shot," a dry powder easily dusted on the plants and which we supply in 15c. cans, Parcel Post 2 lbs., or 5 lb. packages for 60 cts. We supply a good Dibber for transplanting these at 55 cts. in iron and 60 cts. in wood shod with iron. Brussels Sprouts require at least 120 days from seed to maturity.

FREE Ask for "Cabbage, Cauliflower, Kale and Other Brassicae," one of our "Leaflets which tell you How."

W. & D.'s BRECHIN CASTLE. The plants are of medium height, vigorous in growth and entirely covered with solid, dark green sprouts, very tender and of excellent flavor. (Stock almost failed.)

Pkt. 25 cts., ½ oz. 50 cts.

LONG ISLAND IMPROVED. A fine strain, with solid sprouts of superb quality.

Pkt. 10 cts., ½ oz. 25 cts., oz. 45 cts., ¼ lb. \$1.75.

IMPROVED DWARF. A dwarf early variety. Pkt. 5 cts., ½ oz. 15 cts., oz. 30 cts., ¼ lb. \$1.00, lb. \$2.50.

TALL. Compact heads and good quality. Pkt. 5 cts., ½ oz. 15 cts., oz. 30 cts., ¼ lb. \$1.00.

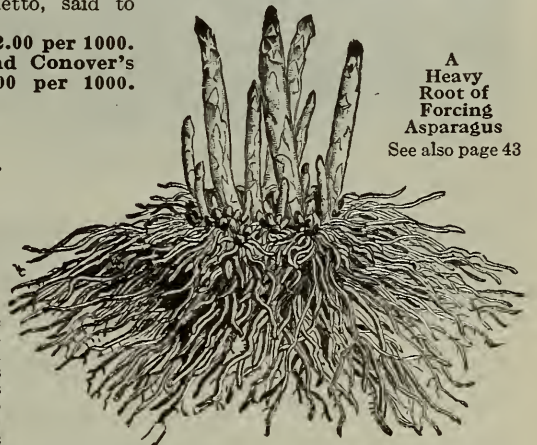
Refer to pages 44, 45 and 46 for concise planting information.



French Globe Artichoke



Palmetto Asparagus



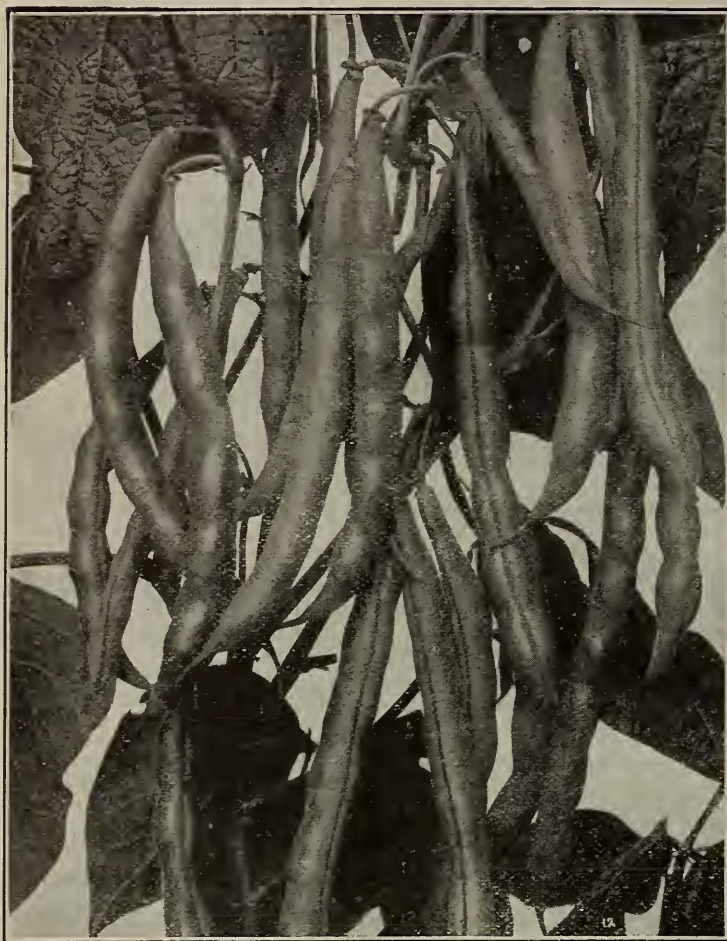
A Heavy Root of Forcing Asparagus
See also page 43



Long Island Improved Brussels Sprouts



DWARF OR BUSH BEANS (Green-Pod)



Improved Black Valentine

BOUNTIFUL (Green Pod). A flat, green-podded Bush Bean, very tender and delicious. This is a stringless Bean that has become exceptionally popular wherever grown. It is very early and produces strong, healthy plants that resist disease. The yield is very abundant and it continues to yield for weeks. The flat pods are always tender and delicious. This is an excellent variety to allow to ripen to be shelled for Winter use.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.

MAMMOTH STRINGLESS GREEN POD. Larger pods and a little later than Stringless Green Pod, which is described below: Similarly round podded and brittle.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.

FULL MEASURE. This is a magnificent Bean, with round, stringless pods measuring 6 to 7 inches in length; extremely prolific and tender, remaining fit for use many days after maturing. Early.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.

EARLY RED VALENTINE (Green Pod). Has long, curved, round pods; is a very robust and rapid grower, ready for use in thirty-five days and is very abundant and tender; almost stringless when young.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.

LONGFELLOW (Green Pod). An early variety, producing long, round, straight pods, solid, fleshy, and exceedingly tender. The pods are very brittle, and have few strings when young. The flavor is most delicious, while the delicate green color of the pods is retained after cooking. The plants are of compact, robust habit.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.



Ask for "Beans, Bush, Pole, and Field" one of our "Leaflets which tell you How."

IMPROVED BLACK VALENTINE (Green Pod). Almost stringless when young, very prolific and a continuous bearer. The pods are semi-round. It may be planted successively up to six weeks from frost, as it is a quick grower. Very popular and strongly recommended.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.

EXTRA EARLY REFUGEE. Has long, saddle-back, curved pods; is a six-weeks Bean, maturing two weeks before Late Refugee; very tender and abundant. An excellent sort.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.

LONG YELLOW SIX WEEKS (Green Pod). Very early and productive, hardy, has full, flat pods; these are brittle and tender when young.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.

STRINGLESS GREEN POD, ROUND. A remarkable Bean; very early and wonderfully productive. The pods are absolutely round and entirely stringless, and their flavor is all that can be desired. We recommend you strongly to grow this Bean.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.

ENGLISH BROAD WINDSOR BEAN

A great favorite in Europe. A distinct and really very good, nutritious Bean, shelled and cooked in practically the same manner as Limas. Should be grown in every garden. They are as hardy as Peas; give them the same treatment as Bush Beans, except that you sow them from April 1st onwards. Windsor Beans are hardy, while all other sorts offered in our catalog are tender. A deep cool soil suits them, and they do not thrive in hot weather. The tops of the plants should be pinched out after the first two or three flowers are seen, and the plants may be sprayed with Kerosene Miscible Oil to keep the Black Fly in check; dilute one part to twenty parts of water. Pkt. 15 cts., pt. 45 cts., qt. 80 cts.



Stringless Green Pod

DWARF OR BUSH BEANS

(Green-Pod) Continued

IMPROVED REFUGEE, or 1000 to 1. A very popular, medium-to-late variety; handsome, and is recommended particularly for sowing during Summer for canning and pickling. Pods nearly round, not entirely stringless, but delicious in flavor. One of the most productive Beans you can grow. Matures in eight weeks.

Pkt. 10 cts., pt. 40 cts., qt. 75 cts., 4 qts. \$3.00,
pk. \$6.00.

VARIETIES FOR GROWING UNDER GLASS

SUTTON'S MASTERPIECE. Introduced by Sutton & Sons, and is a distinct advance on many varieties previously grown. The plant is robust in constitution, unusually prolific, and the long pods are handsome and tender; in flavor they are unsurpassed by that of any Bean grown. As a very quick grower, Sutton's Masterpiece is a valuable addition to the varieties adapted to forcing. $\frac{1}{2}$ pt. 60 cts., pt. \$1.00, qt. \$2.00.

SUTTON'S PERFECTION (Green Pod). Produces very satisfactory results both for forcing and general culture. Pods round and absolutely free from any sign of coarseness. While not as early as some sorts, it nevertheless comes ready in advance of certain of the larger podded types. The plant has a branching habit and a bearing period that is well prolonged. $\frac{1}{2}$ pt. 60 cts., pt. \$1.00, qt. \$2.00.

NE PLUS ULTRA. Very early, dwarf and prolific; a popular variety for growing under glass. Pkt. 20 cts., pt. 80 cts., qt. \$1.50.

EARLY MOHAWK. An old favorite; very early, hardy, with long, straight and flat pods. Pkt. 20 cts., pt. 50 cts., qt. \$1.00, 4 qts., \$3.75, pk. \$7.25.

WONDER OF FRANCE. An excellent French Flageolet forcing variety; very early and a heavy cropper; pods long, thick, bright green and tender when young. May be grown also for shell beans; which in this variety are small, long, light green and very attractive. Pkt. 20 cts., pt. 80 cts., qt. \$1.50.

SHELL BEANS

Note: Most of these have a tendency to send out runners or trailers

WHITE NAVY, or BOSTON PEA BEAN. Strictly a field variety, but we recommend that a small patch in your garden be given over to its culture to provide a supply of winter beans. Pkt 10 cts., pt. 30 cts., qt. 60 cts., 4 qts., \$2.25, pk. \$4.50.

DWARF HORTICULTURAL. Both pods and beans splashed with red; beans large and produced quickly. Is an excellent snap bean also, the pods being of good flavor, thick, flat and absolutely stringless when young. Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts., \$3.00, pk. \$6.00.

WHITE MARROW. This variety is also sometimes used as a snap bean, but for a dual purpose bean sow Horticultural. Dried Marrow beans are well known, medium large and of fine quality and appearance. Fairly early.

Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 4 qts. \$2.25, pk. \$4.50.

WHITE KIDNEY. The beans are larger and longer than the marrow. Quality excellent.

Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 4 qts. \$2.25, pk. \$4.50.

RED KIDNEY. Beans similar to the above but red in color. Pkt. 10 cts., pt. 30 cts., qt. 60 cts., 4 qts. \$2.25, pk. \$4.50.

Dwarf Horticultural



DWARF OR BUSH BEANS (WAX POD)

IMPROVED GOLDEN WAX. This deservedly popular Bean has been greatly improved by us. We have produced seed which will grow vigorous, healthy plants that will resist rust and mildew. They yield bountifully, the long, nearly straight, flat and golden yellow pods making a fine showing against the dark foliage. They are remarkably fleshy, of fine quality, tender and brittle.

Pkt. 15 cts., pt. 50 cts., qt. \$1.00, 4 qts. \$3.75, pk. \$7.00.

W. & D.'S NEW KIDNEY WAX. Early; more robust and prolific than Wardwell's Kidney Wax. The pods are semi-round, handsomer in appearance, entirely stringless, more fleshy and of finer quality.

Pkt. 15 cts., pt. 55 cts., qt. \$1.10, 4 qts. \$4.25, pk. \$8.25.

CURRIE'S RUST-PROOF BLACK WAX. Extra early. Pods are long, thick, flat, very tender and of fine quality. Becomes stringy with age.

Pkt. 15 cts., pt. 50 cts., qt. \$1.00, 4 qts. \$3.75, pk. \$7.00.

EARLY REFUGEE WAX. Suitable for early and late sowing; long, round, yellow pods. Stringless. Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.

IMPROVED PROLIFIC BLACK WAX. An improvement on the old Black Wax; very productive and early. The round pods are waxy yellow, very tender and stringless.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$7.00.

STRINGLESS WHITE WAX. The thick flat pods are straight, of a bright lemon color, brittle, meaty and entirely stringless. Also desirable as a shell Bean.

Pkt. 15 cts., pt. 50 cts., qt. \$1.00, 4 qts. \$3.75, pk. \$7.00.

WARDWELL'S KIDNEY WAX. Produces a heavy crop of waxy pods which are long, flat, thick and not liable to rust. Early and stringless.

Pkt. 15 cts., pt. 50 cts., qt. \$1.00, 4 qts. \$3.75, pk. \$7.00.

RUNNING OR POLE BEANS

OLD HOMESTEAD, or KENTUCKY WONDER. The most popular variety; very early and enormously productive, the green pods hanging in clusters; the pods are 7 to 9 inches long, meaty, stringless and of the finest quality.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.

EXTRA EARLY GOLDEN CLUSTER WAX. Pods are golden yellow and mature extra early; prolific, stringless and tender.

Pkt. 20 cts., pt. 75 cts., qt. \$1.40, 4 qts. \$5.50.

HORTICULTURAL CRANBERRY. Good either for snap or shell Beans. Especially adapted for short seasons and cool locations.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.

LAZY WIFE. The pods are broad and retain their tender and stringless qualities until nearly ripe; the beans, which are round and white, make excellent Winter shell Beans. Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.

SCARLET RUNNER. A favorite sort, both ornamental and useful; bright scarlet flowers; used both as a string and shell Bean.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.

YARD LONG. A distinct and interesting variety, with pods 30 inches long or more, though no thicker than an ordinary sort. Pkt. 15 cts., ½ pt. 40 cts., pt. 75 cts.

CULTIVATION OF BEANS

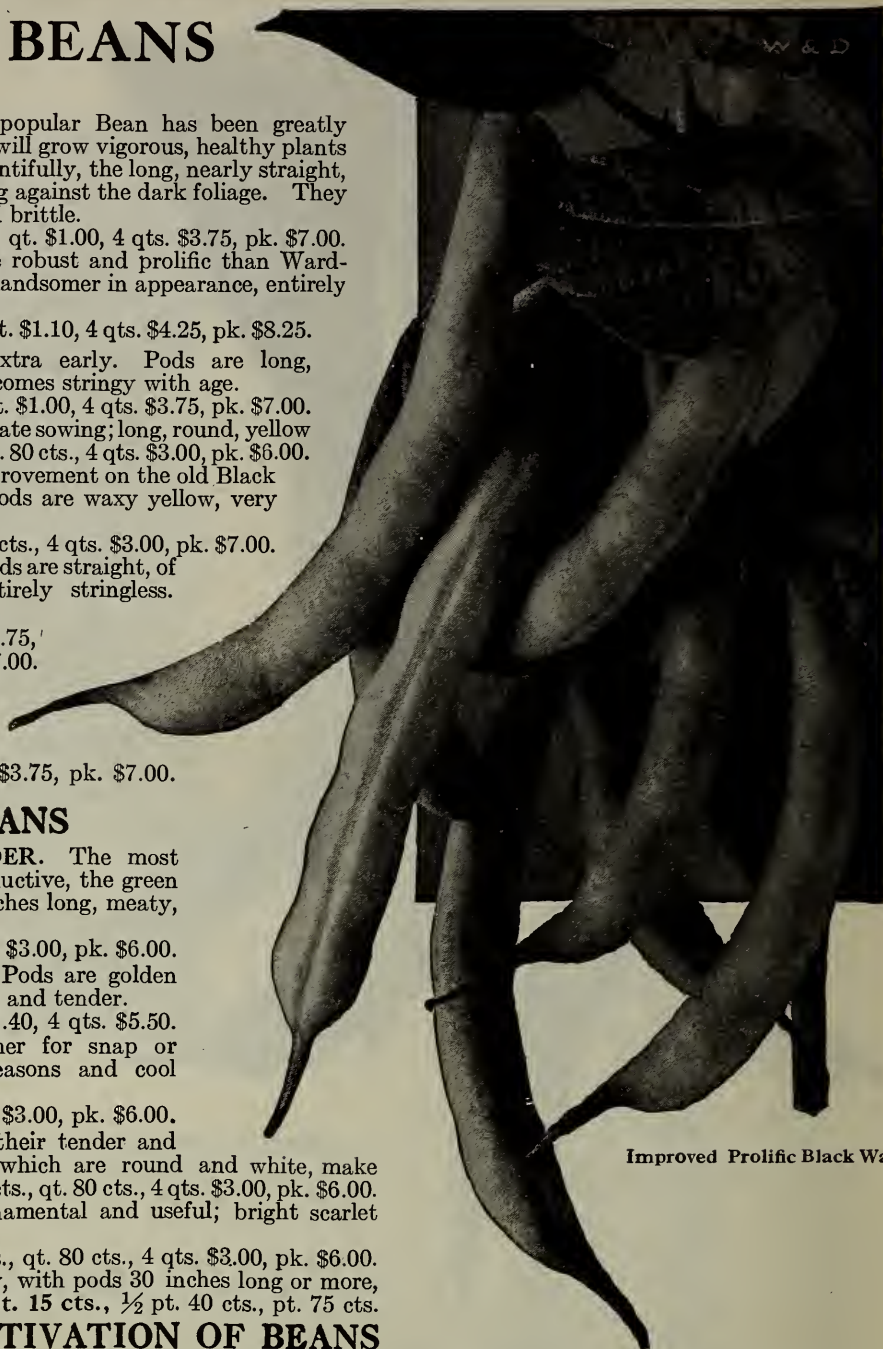
All the varieties of garden Beans, with the exception of Broad Windsor, are tender, and cannot be sown with success until the ground is thoroughly warm, which around New York is usually about May 15th. It is better to delay the planting of all varieties of Lima Beans for a week or ten days after this, as they are extremely liable to rot if they are placed in wet soil. 1 qt. sows 100 ft. of row, 1 packet 12 to 15 ft. and from ¾ to 1 ½ bushels of seed are required per acre. A constant supply of all varieties of wax and green pod bush beans may be ensured by making successive plantings as desired throughout the season until about eight weeks before frost. Successive sowings of Lima Beans are generally unsuccessful owing to the short seasons in the vicinity of New York; a continuous supply being obtained more easily by a judicious selection of varieties. Cover with 2 inches of soil when planting beans. Beans will succeed in almost any soil, but medium light land suits them best. The rows may be two feet apart for the bush varieties, thinning the plants to about two inches in the row; pole beans are usually planted in hills three feet apart each way, putting about six to eight seeds in a hill and allowing three strong plants to be selected when sufficiently mature. If any beans are left on the vines they may be allowed to mature there for use as dried beans during the winter; this applies equally to all varieties. Success depends upon frequent cultivation, taking care that this is not done deeply, as the roots are often near the surface. In wet seasons beans are extremely liable to "Rust." This cannot be cured, but may be prevented by taking care only to hoe when the soil is dry and by spraying with Bordeaux Mixture. We supply this in pint cans, which make from 5 to 10 gallons of spray at 30 cts. and quarts at 50 cts., gallons \$1.25. Bordeaux mixture in dry form for dusting the plants; 1 lb. box 45 cts., parcel post 2 lbs., 5 lbs. \$2.00, P. P. 6 lbs.; this dry form can also be used as a spray, one pound making 5 gallons.

Bush Beans may be "forced" or grown in hot-beds, frames or greenhouses during winter, four or five beans in a 6-in. pot being usual. Masterpiece, Wonder of France and Mohawk are suitable varieties.

White Navy, White and Red Kidney, Horticultural and White Marrow Beans, grown for shell beans, are generally sown in 3 ft. rows to allow for horse cultivation. They need about seventy days to mature.

Bush Beans produce in 45 days, Pole Beans and Bush Limas in 60 days and Pole Limas in 80 days from seed.

We offer bean Poles for supporting Lima or other Climbing Beans at \$2.00 per dozen or \$15.50 per hundred. They are 8 ft. long.



Improved Prolific Black Wax



Fordhook Bush Lima

LIMA BEANS, DWARF OR BUSH

Bush Lima Beans should be included in every garden. They are as delicious as Pole Limas, and as the hills may be closer together they are as productive for a given area. The trouble and expense of poles are eliminated, and their absence conveniently allows very thorough cultivation. They commence to yield some three weeks earlier than the pole varieties, and they continue bearing for a long period. Allowed to ripen, Limas are **Excellent as Shell Beans**, being highly nutritious and of fine flavor.

FORDHOOK BUSH LIMA. The only stiffly erect bush form of the popular Potato Lima. Both pods and Beans are large. The green Beans, even when of full size, are tender, juicy and sweet in flavor when cooked.

Pkt. 15 cts., pt. 60 cts., qt. \$1.00, 4 qts. \$3.75.

THE BURPEE IMPROVED BUSH LIMA. This improved variety differs from the original "Burpee's Bush Lima" in having much larger pods, producing more beans, while both pods and beans are not only larger in size but also considerably thicker. The pods measure 5 to 6 inches long, and even when of full size the enormous beans are of the most luscious flavor.

Pkt. 15 cts., pt. 60 cts., qt. \$1.00, 4 qts. \$3.75, pk. \$7.00.

BURPEE'S BUSH LIMA. Standard and well-known variety, with handsome pods filled with large beans of good quality; very productive.

Pkt. 15 cts., pt. 60 cts., qt. \$1.00, 4 qts. \$3.75, pk. \$7.00.

DREER'S BUSH LIMA (or Kumerle). The pods are short but fat, containing three or four very thick, short, medium large beans of excellent flavor.

Pkt. 15 cts., pt. 60 cts., qt. \$1.00, 4 qts. \$3.75, pk. \$7.00.

HENDERSON'S BUSH LIMA. (Dwarf Sieva Bean). Very productive, bearing continuously throughout the Summer. Beans of good quality but small.

Pkt. 10 cts., pt. 50 cts., qt. 90 cts., 4 qts. \$3.50, pk. \$6.75.

W. & D.'S NEW GREENHOUSE POLE LIMA BEANS. Quite distinct from any other variety of its class, and we confidently recommend it for **forcing purposes**; the beans are small, being somewhat larger than the Sieva Pole Lima, and are of excellent quality and flavor.

Pkt. 15 cts., ½ pt. 50 cts., pt. \$1.00.

LIMA BEANS, POLE OR RUNNING

W. & D.'S LEVIATHAN POLE LIMA. This is the earliest Pole Lima grown, and should be chosen especially where the growing season is short, as it matures a week or ten days earlier than any other variety. The beans are large and of superb flavor, pods straight and long. The vines cling well to the poles, and produce more abundantly than any other sort.

Pkt. 15 cts., pt. 50 cts., qt. \$1.00, 4 qts. \$3.75, pk. \$7.00.

BURPEE'S GIANT-PODDED. The pods of this variety are gigantic in size and are borne in clusters of from four to eight. Beans extra large and thicker than those of other Pole Limas, except Challenger.

Pkt. 15 cts., pt. 50 cts., qt. \$1.00, 4 qts. \$3.75, pk. \$7.00.

CARPINTERIA. The beans have a greenish tint, indicating good quality; thin-skinned, tender and of fine flavor.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.

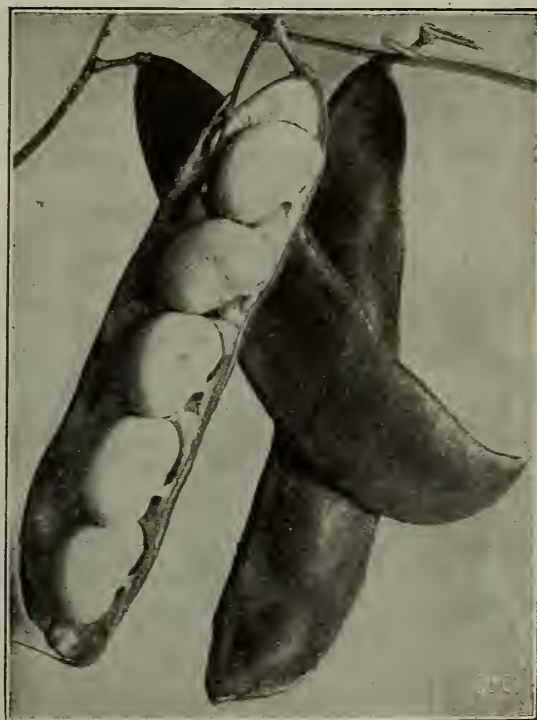
CHALLENGER, or POTATO LIMA. The beans are thick, of superior quality, borne very profusely in bunches.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.

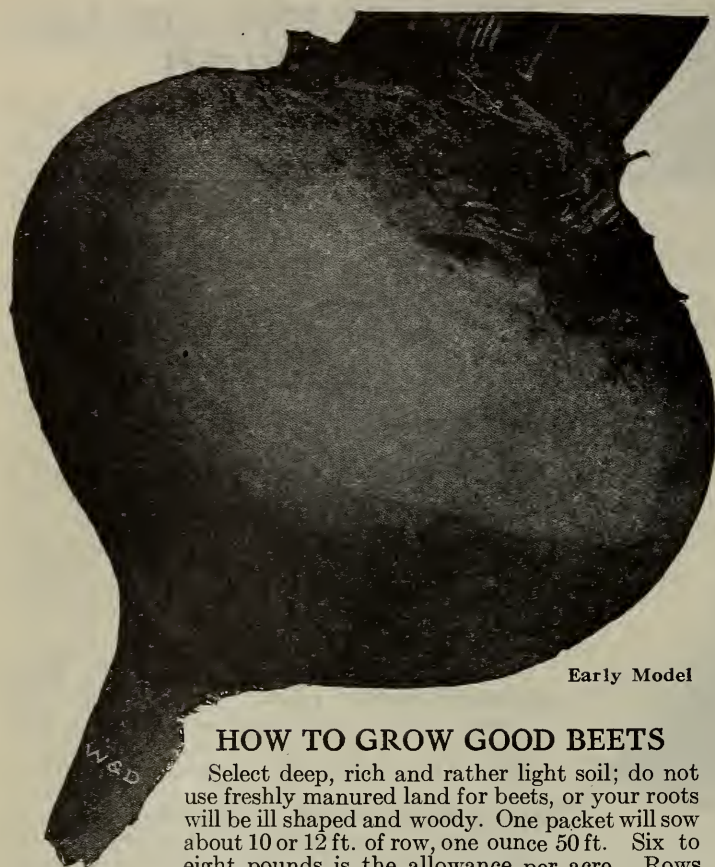
FORD'S MAMMOTH. One of the largest of the Pole Limas; a popular, standard sort. Tender and of fine flavor.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.

LARGE WHITE. The old standard strain and still one of the best all-round varieties; vigorous and productive. Pods and beans large. Our stock is extra selected. Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.



Challenger, or "Potato" Lima



GARDEN BEETS

W. & D.'S EARLY MODEL

THE FINEST FOR FAMILY USE

This grand Beet is very early, and it has now become extraordinarily popular in all parts of the country. While not large, it still is of good size, beautifully formed and with a smooth, even surface free from small indentations. The skin is a fine, deep red, the leaves a rich crimson. The flesh is made up of deep red rings that vary in shade, and is deliciously tender and free from woody fibre.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

W. & D.'S CRIMSON GLOBE

A very early, good-sized globe variety; skin deep red and free from woody fibre; its tenderness, sweetness and rich color make it unsurpassed for slicing.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

W. & D.'S DETROIT DARK RED

THE FINEST WINTER VARIETY

This is one of the finest Beets in existence. It has a round or oval-round and smooth root, and the flesh is of a fine, deep blood-red color after cooking or canning. Its excellent keeping qualities make it a very desirable variety to plant for Winter. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

BASSANO. Early, flat and light colored, very sweet.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

COLUMBIA. Smooth skin; deep red flesh, of a flattened pear shape. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

CROSBY'S EGYPTIAN. Improved Egyptian, early and of fine quality. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

ECLIPSE. Very early, smooth and has very scant foliage; highly colored flesh, very tender and sweet. Round in shape.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

EXTRA EARLY EGYPTIAN. An exceedingly early variety and very desirable. The roots are round and slightly flattened, crimson; and delicious when used young.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

EARLY BLOOD TURNIP. Nearly round and very early; flesh red; the tops make excellent "greens."

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

HALF-LONG BLOOD. A deep red Beet of excellent quality; grows 5 inches long and 3 inches across the tops; a fine keeper.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

LONG SMOOTH BLOOD. A large, deep red Beet, of excellent flavor. Fine for exhibition and show purposes; also a good Winter Beet.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

HOW TO GROW GOOD BEETS

Select deep, rich and rather light soil; do not use freshly manured land for beets, or your roots will be ill shaped and woody. One packet will sow about 10 or 12 ft. of row, one ounce 50 ft. Six to eight pounds is the allowance per acre. Rows

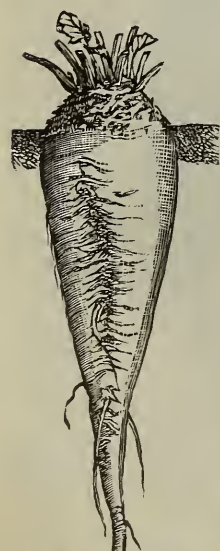
may be so close as 1 ft. and the plants should be 4 inches apart in the rows. Beets are hardy and may be sown from Apr. 15th to Aug. 1st in the open; the tops of the "thinnings" (i.e. plants removed to make room for others in the row) make an excellent substitute for spinach. They usually mature in 55 days.

A good draw hoe with 6-inch cast steel blade that will enable you to cultivate thoroughly and produce results costs but 80c. Include one in your order.

FREE Ask for "Beets, Carrots, Turnips and other Root Crops" one of our "Leaflets which tell you How."



Egyptian Beet



Long Smooth Blood

SWISS CHARD

Practically a type of beet in which the leaves and leaf stalks have been developed at the expense of the roots. The plant grows 2 or 3 feet tall, somewhat similar in appearance to Rhubarb, only the leaves are not so broad and are light in color. When cooked it cannot be told from Spinach and is considered by some to be more delicate. The leaves are cooked like Spinach and the center rib prepared like Asparagus. The leaves can be cut repeatedly, new leaves taking their place.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

GIANT LUCULLUS. An improved variety of Swiss Chard similar to the above, but a slightly bigger plant, the large leaves are heavily "crumpled."

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.25.

CULTIVATION OF SWISS CHARD

Give the same cultivation as for Beets, except that the rows should be 1 $\frac{1}{2}$ ft. apart to provide for the larger plants. Thin to 6 inches apart.

FREE Ask for "Spinach, New Zealand Spinach and Swiss Chard" one of our "Leaflets which tell you How"



Giant Lucullus Swiss Chard

EARLY CABBAGES

W. & D.'s IMPROVED COPENHAGEN MARKET

The largest early round-headed Cabbage in cultivation. It is a fine cabbage for the table, for while the heads are large, they are remarkably sweet and tender. This variety is a new one imported from Denmark, and should be grown where an extra early round-headed cabbage is wanted—one that can be depended upon for making large, solid heads at an early season. The plants are of medium size with few outside leaves, hence they can be planted much closer together than other varieties producing heads of similar size. The solid heads average 8 pounds in weight and have no coarse leaves. The quality is excellent. Copenhagen Market matures as early as Charleston Wakefield, and will give a much heavier yield to the acre than that popular variety. The heads grow upon a remarkably short stem, being produced almost on the ground.

Pkt. 15 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.50.



W. & D.'s
Copenhagen
Market Cabbage

IMPROVED EARLY JERSEY WAKEFIELD CABBAGE

This is a standard variety, producing a small, well shaped conical head, and is generally recognized as one of the good old reliable varieties, having a popularity nothing can change. As a very early sort it is planted by more growers than any other. The heads are extremely uniform in shape, of medium size and very solid. In appearance it is very attractive, with the head set in its fringe of small outer leaves. The heads are always tender, sweet and very delicate, and their flavor is superb.

Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 65 cts., $\frac{1}{4}$ lb. \$2.50.



W. & D.'s Perfection Drumhead
Savoy

CHARLESTON WAKEFIELD

This Cabbage is of the same type as the Jersey Wakefield, though not so pointed; it grows about 50 per cent. larger and is of the same fine quality, being ready to cut about a week later.

Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 65 cts., $\frac{1}{4}$ lb. \$2.50.

EARLY SPRING

An extra-early, round-headed, flat Cabbage; comes in with Jersey Wakefield.

Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75.

NEWARK EARLY FLAT DUTCH

Large, solid, flat heads; second early.

Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.50.



Improved
Jersey
Wakefield
Cabbage

SAVOY CABBAGES

DWARF ULM SAVOY. An early, dwarf variety.

Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 55 cts.,
 $\frac{1}{4}$ lb. \$2.00.

W. & D.'s PERFECTION DRUMHEAD SAVOY.

The most desirable variety. Is very hardy and adapted to nearly any kind of soil; quite large and very tender. The leaves are beautifully crumpled and of fine flavor.

Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 55 cts.,
 $\frac{1}{4}$ lb. \$2.00.

MAIN CROP and LATE CABBAGES

W. & D.'s MAIN CROP

For a main crop Cabbage, we believe that this is one of the finest ever grown. It matures fully two weeks earlier than the late kinds.

It forms heads as round as a ball and perfectly solid. They average in weight from 12 to 15 pounds each. The stem is short and does not run into the head. The flesh is very sweet, white and tender.

Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75.

SUCCESSION

This is a grand Cabbage that comes in after the Jersey Wakefield and before the Flat Dutch. It is thus a second early or main crop variety. It has the habit of forming round solid heads even before they are matured. Thus they may be cut long in advance when desired. It has a further advantage in remaining on the ground after maturity without splitting and thus has a very long period of usefulness. Succession is a very heavy cropper and its big, flat heads have a very few outside leaves. The heads are free from coarse veined leaves. You can always depend on this variety not only as to flavor, quality and tenderness, but as to its sure cropping and productiveness. It stands the heat of Summer remarkably well.

Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 55 cts., $\frac{1}{4}$ lb. \$2.00.

W. & D.'s LARGE LATE FLAT DUTCH

This is the best Cabbage to grow for Winter use. No other variety has become so popular for that purpose. Its great, solid, round, flat heads are remarkable keepers and withstand early frosts without spoiling. It has been grown for many years and has become the standard of its class. For boiling or slaw it is unsurpassed. Its solid white leaves are tender, sweet and delicate. Plant this variety always for your Winter supply.

Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 55 cts., $\frac{1}{4}$ lb. \$2.00.

DANISH BALLHEAD, or HOLLAND

A very white, crisp and tender round headed variety, of exceedingly compact growth. One of the most popular winter Cabbages grown.

Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 55 cts., $\frac{1}{4}$ lb. \$2.00.

AUTUMN KING, or WORLD BEATER

An excellent large, late Cabbage, producing regular, even, flattened heads of enormous size. A magnificent cropper.

Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 55 cts., $\frac{1}{4}$ lb. \$2.00.

LARGE LATE AMERICAN DRUMHEAD

Is very large and one of the best keeping late varieties.

Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50.



W. & D.'s
Late Flat Dutch
Cabbage

RED CABBAGES

LARGE RED DRUMHEAD. Early, with large, compact heads; a good header.

Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50.

EARLY BLOOD-RED ERFURT. Very early, of particularly rich flavor and tender.

Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 55 cts., $\frac{1}{4}$ lb. \$2.00.

W. & D.'s RED DUTCH, or PICKLING CABBAGE. An excellent variety, tender and of the finest flavor. Heads of medium size and very solid; fine for pickling and Winter use. Red Cabbage is preferred by many for various purposes, and to those this variety is specially recommended.

Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50.

CELERY CABBAGE (Pe Tsai)

This is a new Cabbage imported from China. It resembles in growth Romaine or Cos Lettuce. The leaves are large, have broad ribs and are exceedingly tender. The stalks or midribs are eaten like Celery, while the leaves are served as a salad or else boiled. In either case it makes a very delicious dish. This vegetable has only become known in the last few years, but its excellence has created for it a large demand in New York markets. The immense heads frequently weigh as much as six pounds. It is a very quick grower, and the many uses to which it can be put is bound to make it popular with the public as well as the market gardener.

Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75.

HOW TO GROW CABBAGES

One packet will sow one hundred feet or twenty-five feet of row according as to whether the seed is sown in beds and transplanted or in the rows and thinned; the former is the better process in every way. One-half pound provides sufficient plants for transplanting to one acre. Early Cabbages take about 100 days from seed to cutting, and late sorts about 125 days. Sow early varieties under glass from February 15th and in the open from April 10th; sow late sorts in the open from May 15th to June 15th. Put out your early plants in rows two feet apart with eighteen inches between the Cabbages in the rows; later varieties need more room, generally 2 $\frac{1}{2}$ feet each way. Cabbages are hardy, and young plants may be wintered in cold frames ready for the earliest Spring crop. Early Cabbage requires a rich, warm soil, while late Cabbage needs a heavier and less rich soil, as the heads are liable to burst if the land is too rich; to prevent this with late sorts the heads may be "pulled" a little when nearly mature, which breaks some of the small roots.

The ground should be well prepared by thorough cultivation, and fertilized with barnyard manure, Pulverized Sheep Manure or Bone Meal. Root maggots can be prevented by placing circular discs of tar paper, with a hole in the center and a cut from the center to the circumference, around the young plants; or "collars" of stiff paper or card may be wrapped around the stems and kept in place by drawing the surrounding soil up to them. For the green cabbage worm or caterpillar use "Slug Shot", a dry powder. This is non-poisonous, and is easily dusted on the plants; we supply it in fifteen cent cans, Parcel Post 2 lbs., or five-pound packages for sixty cents. We also supply a good Dibber for transplanting your Cabbages, costing 55 cts. in iron or 60 cts. in wood shod with iron.

Winter Cabbages may be stored by placing them head down in a barrel buried in earth or they may be placed on shelves in a cool, well ventilated cellar.



Celery Cabbage



Ask for "Cabbage and Cauliflower," one of our "Leaflets which tell you How."

CARROT

W. & D.'S IMPROVED DANVERS

Large, Stump-Rooted—Handsome Appearance—Beautiful Color—Easily Harvested—Excellent Keeper

This is a half-long variety that is very popular. Our stock of this Carrot has been selected with the greatest care and all our customers speak in highest terms of the perfect stand of uniform size that our seeds produce. This Carrot is slightly tapering, somewhat stump-rooted, and has a very smooth skin. It is a beautiful, rich, dark orange color. It does well on all soils and is the best to grow for Winter storage. The flesh is sweet, tender and crisp, does not become stringy, and there is little or no core. This variety is unsurpassed for table use.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

EARLY SCARLET HORN. The most popular early Carrot. Medium sized, fine grained; abruptly stumped-root, measuring about 3 inches in length and $1\frac{1}{2}$ inches in diameter; deep orange color. Has small tops and does well in shallow soil. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

GUERANDE, or OX-HEART. An early, handsome Carrot, and one of the best for the table. In length it comes between Early Scarlet Horn and Danvers, but is much thicker and is abruptly stump-rooted. Orange red; very productive and of excellent quality. Is a short thick root. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

HALF-LONG SCARLET STUMP-ROOTED. A desirable sort, coming in between Early Scarlet Horn and Long Orange. Roots of medium size and fine quality, perfectly cylindrical with a blunt round point. Red, coreless, early. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

CHANTENAY HALF-LONG. A very productive variety; has an extra-long shoulder and is desirable in every respect. It is decidedly stump-rooted, very smooth, fine in texture and of a beautiful rich orange color. Pkt. 5 c., oz. 25 c., $\frac{1}{4}$ lb. 85 c., lb. \$3.00.

ALDON INTERMEDIATE. An evenly tapering root of high quality, smooth and refined; ten inches long. Pkt. 10 c., oz. 35 c., $\frac{1}{4}$ lb. \$1.20, lb. \$4.00.

LONG ORANGE IMPROVED. Roots are long, smooth, tapering and of deep orange color. Valuable both for garden and field. Pkt. 5 c., oz. 25 c., $\frac{1}{4}$ lb. 75 c., lb. \$2.50.

Forcing Varieties

W. & D.'S IMPROVED HALF-LONG FORCING. A distinct, slender, almost cylindrical Carrot with a very fine neck and very small and few leaves. The skin is glossy red, flesh red, tender, sweet, and without heart or core. For forcing this variety is the best. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25., lb. \$4.75.

EARLY FRENCH FORCING. Very early; small and exceedingly mild flavored. Good for forcing or for the quickest crop outdoors. In shape the roots are round, about $1\frac{1}{2}$ inches in diameter. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25., lb. \$4.75.

Cattle Carrot

WHITE BELGIAN. Grown for stock-feeding; white flesh and skin, green top. Grows about 18 inches and stands well out of the ground. Oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

How to Grow Carrots.—Deep, rich and rather light soil should be selected. Do not use freshly manured land for Carrots, or your roots will be ill shaped and fanged; one packet will sow 15 feet of drill and one ounce 100 feet. Six pounds is the allowance per acre. Rows may be 18 inches apart and the plants thinned to 4 inches apart in the rows.

Small Carrots are frequently grown to maturity in the hot-bed, being sown from February 1st onwards; commence sowing in the open ground by Mar. 25th. Carrots take about 60 days or more from seed to crop. Dig the roots in the Autumn and store the same as Turnips, but the Carrots can be used at all times and are delicious when young.

Carrot seedlings are fragile and they occasionally have difficulty in getting through the soil when it is of a binding nature. We recommend that a few grains of French Breakfast Radish (a sturdy grower, 20c. per ounce) be sown with the Carrot to break the soil crust quickly and to mark your row. The Radishes may be pulled readily when mature, leaving the young carrots in possession of the ground.

FREE Ask for "Beets, Carrots, Turnips, Radish, and other Root Crops," one of our "Leaflets which tell you How."

CARDOON

A little known vegetable; the blanched leafstalks when boiled and served with cream sauce are delicious. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00.

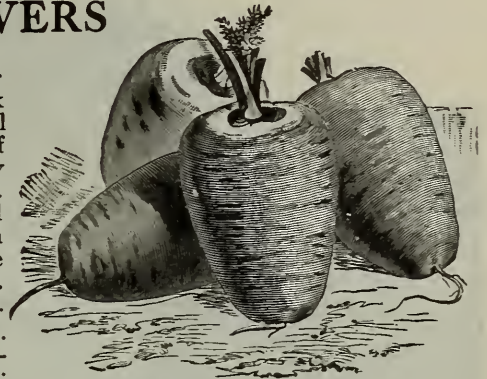
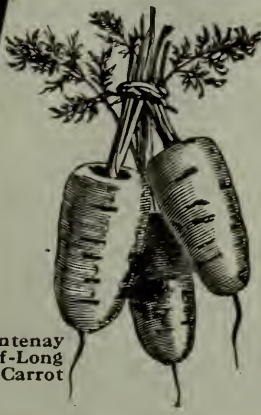
FREE Ask for "Little Known Vegetables," one of our "Leaflets which tell you How."

Refer to pages 44, 45 and 46 for concise planting information



W. & D.'S Improved Danvers Carrot

Chantenay Half-Long Carrot



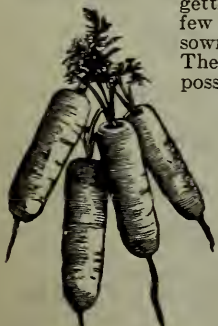
Guerande or Ox-Heart Carrot



Aldon Intermediate Carrot



Long Orange Carrot



W. & D.'s Improved Half-Long Forcing Carrot



Early French Forcing Carrot



SNOWBALL CAULIFLOWER

Culture.—A good, rich soil is essential for the successful cultivation of this delicious vegetable; our most experienced cultivators, however, acknowledge the advantage of a cool, moist season. Pursue the same general directions as recommended for growing Cabbage, watering liberally during dry weather. An occasional application of liquid manure is beneficial.

One Ounce Will Produce 3,000 Plants

W. & D.'S EARLY SNOWBALL CAULIFLOWER

THE FINEST CAULIFLOWER IN THE WORLD

This handsome variety is by far the finest Cauliflower that has yet been introduced. An unlimited amount of labor, time and expense has been spent in our effort to secure the high standard of excellence and perfection we have attained in this Cauliflower. The heads are large and crowded with thick, pure white, tender branchlets, set in thick rosettes, producing a homogeneous mass that truly resembles a snowball. It is the "cream" of Cauliflowers.

Pkt. 25 cts., ¼ oz. \$1, ½ oz. \$1.75, oz. \$3.25.

W. & D.'s First and Best

This is the earliest of all Cauliflowers, and is particularly adapted for forcing on account of its dwarf growth, its short outer leaves and its extreme earliness. It is very white and of good size.

Pkt. 50 cts., ¼ oz. \$2.50, ½ oz. \$4.50, oz. \$8.00.

Algiers

A good late market variety, forming a large curd of fine flavor and very tender.

Pkt. 10 cts., ½ oz. 60 cts., oz. \$1.00, ¼ lb. \$3.75, lb. \$14.00.

Dry Weather

This variety of Cauliflower is especially adapted for sections subjected to long dry seasons, as it will grow well and produce the finest heads in spite of the lack of moisture which is required by other sorts. The heads grow to a large size, are very solid, pure white and of delicious flavor. **Pkt. 25 cts., ¼ oz. \$1, ½ oz. \$2, oz. \$4.**

Earliest Dwarf Erfurt

A sure header; early and very desirable.

Pkt. 50 cts., ¼ oz. \$2.00, ½ oz. \$4.00, oz. \$7.00.

Early Paris, or Nonpareil

Large, white heads, very firm and a good keeper.

Pkt. 10 cts., ½ oz. 75 cts., oz. \$1.50, ¼ lb. \$5.00, lb. \$18.00.

Veitch's Autumn Giant

Large, compact heads; very late.

Pkt. 10 cts., ½ 40c., oz. 75cts., ¼ lb. \$2.50, lb. \$9.00.

WALCHEREN BROCCOLI

Closely resembles a Cauliflower, but of a hardier nature.

Pkt. 10 cts., oz. 60 cts., ¼ lb. \$2.00.

Refer to pages 44, 45 and 46 for concise cultural information.

CELERY

SELF-BLANCHING SORTS

CONSIDERABLY EARLIER THAN WINTER VARIETIES

GOLDEN SELF-BLANCHING (French Grown). Short, stocky stalks that blanch themselves, of excellent quality; matures early. Is of a rich golden yellow, crisp, tender and of fine flavor. As it develops a large heart early in its growth, the greater part of the plant is edible. It is ready for the table in September, keeps well throughout the season, and is the earliest variety grown. Pkt. 15 cts., ½ oz. 65 cts., oz. \$1.25, ¼ lb. \$4.50, lb. \$16.00.

W. & D.'S IMPROVED WHITE PLUME. Improvement on the oldest of the self-blanching varieties, its popularity being still large. It is not only very attractive in appearance but its blanching quality renders it ready for use in September if started early. It requires very little labor in blanching. The stalks are medium large, somewhat smaller than late varieties, yet larger than the Golden Self-blanching. The heart is white, crisp, and the stalks have a rich nutty flavor. Pkt. 10 cts., ½ oz. 30 cts., oz. 50 cts., ¼ lb. \$1.75, lb. \$6.00.

COLUMBIA. The quality of this variety is wonderful, the thick, broad and smooth stalks are remarkably nutty and sweet. Its compact habit renders it easy to blanch, and its snowy whiteness gives it a striking appearance. In spite of its comparative earliness it keeps remarkably well, and may be had right through winter. Pkt. 10 cts., ½ oz. 30 cts., oz. 50 cts., ¼ lb. \$1.75.

EASY BLANCHING. A medium dwarf variety of good flavor; it is new, and in appearance is distinct from other sorts. Blanches very easily and speedily, and is a remarkably good keeper. Pkt. 15 cts., ½ oz. 65 cts., oz. \$1.25, ¼ lb. \$5.00.



W. & D.'s Improved White Plume

MAIN CROP or WINTER SORTS—White

W. & D.'S WINTER KING. Standard for Winter keeping; hardy; always crisp, easily blanched. Anybody can grow this Celery and get results, for it not only is very hardy but is almost self-blanching. It is always crisp. This is a very desirable winter Celery to grow, as what blanching is necessary is easily done, it being of medium height and very compact.

Pkt. 10 cts., ½ oz. 30 cts., oz. 50 cts., ¼ lb. \$1.50, lb. \$5.00.

GIANT PASCAL. Thick, solid, crisp green stalks and a golden heart. Perhaps the most popular winter variety. Pkt. 10 cts., oz. 35 cts., ¼ lb. \$1.00, lb. \$3.50.

GIANT WHITE SOLID. A large, strong-growing variety, with tender stalks which blanch to a creamy white. Pkt. 10 cts., oz. 30 cts., ¼ lb. 90 cts., lb. \$3.00.

GOLDEN DWARF, or GOLDEN HEART. A distinct variety with beautiful golden heart when blanched. Pkt. 10 cts., oz. 30 cts., ¼ lb. 90 cts., lb. \$3.00.

SCHUMACHER. Large, yellow, winter variety; solid, crisp, tender, of fine flavor and a good keeper. A very popular sort with market-gardeners, and fine for shipping. Pkt. 5 cts., oz. 25 cts., ¼ lb. 85 cts., lb. \$3.00.

WINTER QUEEN. A compact grower, with thick, solid, crisp stalks; when blanched, is a creamy white color. Earlier and easier to blanch than Giant Pascal. Pkt. 10 cts., oz. 30 cts., ¼ lb. 90 cts., lb. \$3.00.

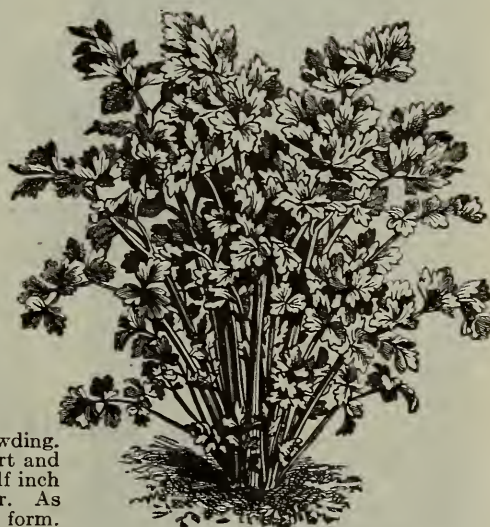
HOW TO GROW CELERY

The truck gardener prefers a patch of well-drained muck land; for the small gardener the soil should be rich and moist, with plenty of good fertilizer incorporated with it. Rotted stable manure is best, but if you cannot get it use Pulverized Sheep Manure at the rate of about 15 lbs. per 100 ft. of row. It may also be used as a liquid manure, mixing one pound with five gallons of water. 1 lb. 15 cts. (Parcel Post 2 lbs.), 5 lbs. 40 cts. (P. P. 6 lbs.); 10 lbs. 75 cts. (P. P. 11 lbs.); 100 lbs. \$2.75.

One packet of seed provides enough plants for 100 ft. of row, and the truck gardener allows ¼ pound of seed to the acre. Sow in the Spring outdoors as early as the ground can be worked. As the seedlings are very fragile, and consequently have difficulty in breaking through the soil, it is well to sow a few grains of French Breakfast Radish with the Celery seeds. The Radish breaks through the soil quickly, keeps it open, and enables the Celery to come up immediately it is sown; as the Radishes mature they may be pulled carefully without disturbing the Celery, leaving the latter in full possession of the ground. Should the plants be too thick in the row they may be thinned to prevent over-crowding. When the plants are large enough to handle, transplant into permanent rows 3 feet apart and allowing six inches from plant to plant in the rows. In transplanting, cut off about a half inch of the tap root and some of the top. This will cause the plant to grow thicker and stockier. As a precaution against Blight, spray with Bordeaux Mixture. We supply it in concentrated form. Price, 1 pt. 30 cts., qt. 50 cts., gal. \$1.25.

About the middle of August begin to earth up to produce blanching. The earth is drawn up against the plants by the hoe in one hand while the other hand holds the stems together to prevent earth getting in the hearts, but the earth must be firmly pressed around the outside to keep the heads from spreading. This "earthing up" is continued at intervals as the weather grows colder until all but the top leaves are covered.

Boards may be used for blanching instead of earth, but the flavor of the Celery is not quite so fine. The private Grower and amateur Gardener will find the use of the Ball Celery Bleacher an ideal system of bleaching. Handy, neat and just the thing to bleach a few stalks every few days as wanted. Price of Ball Lightning Celery Handler \$3.50; mail weight 3 lbs. Bleachers 6x12 inches, 30 cts. per doz.; \$2.00 per 100; 6½x13 inches, 35 cts. per doz.; \$2.25 per 100; mail weight per doz. 2 lbs.



Cooper Cutting or Soup Celery



Ask for "Celery and Celeriac," one of our "Leaflets which tell you How."

CELERIAC (Turnip-Rooted Celery)

A variety of Celery with turnip-shaped roots, which are white fleshed and have the flavor of celery-stalks; excellent for soups, or boiled and used as a salad with dressing.

W. & D.'S LARGE ERFURT. A distinct variety of Celeriac, tender and of fine flavor.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$3.00.

LARGE SMOOTH. This variety is somewhat larger than large Erfurt; almost round, and with very few rootlets except on the under part.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$3.00.

CULTURE OF CELERIAC OR KNOB CELERY

One packet provides enough plants for 100 ft. of row.

Sow from March 15th to April 15th in the hot-bed, greenhouse or sitting room, and from April 15th to April 30th in a spare corner of the garden. When the plants are 4 inches high transplant into rows 2 feet apart and allow 6 inches from plant to plant in the rows. No earthing is required, merely keep the rows hoed and free from weeds. 155 days from seeding to maturity is a fair estimate.



Ask for "Celery and Celeriac," one of our "Leaflets which tell you How"



Large Smooth Celeriac

CHERVIL (Stocks limited)

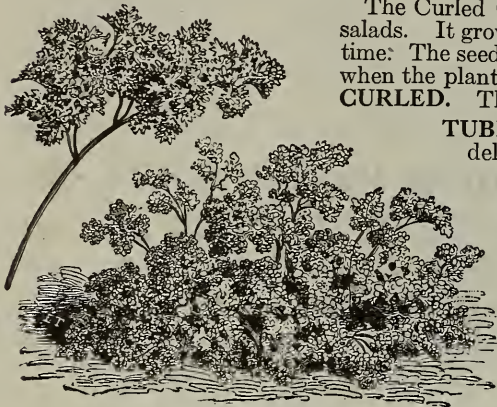
The Curled Chervil is cultivated like Parsley, and used for garnishing and flavoring soups and salads. It grows more rapidly than Parsley, and can be used several weeks sooner if sown at the same time: The seed of the tuberous-rooted variety is sown in September to germinate the following Spring, when the plant is treated like the Carrot.

CURLED. The young leaves are used for garnishing and flavoring soups and salads. Pkt. 10 cts.

TUBEROUS-ROOTED. Prepared for the table like Carrots, this is one of the most delicious vegetables grown. Pkt. 10 cts.



Ask for "Little Grown Vegetables," one of our "Leaflets which tell you How."



Curled Chervil

CHICORY (Stocks limited)

LARGE-ROOTED. The roots are cut in thick slices, roasted and used for coffee. The leaves in Spring make a good salad. Pkt. 10 cts.

W. & D.'S IMPROVED WITLOOF, OR FRENCH ENDIVE.

The popular winter variety, known in first-class restaurants as "French Endive." The leaves, when blanched, make a delicious salad. Sow the seed in May, transplant or thin out to 6 inches apart, and keep the soil well cultivated. The plants form roots which, by October 1, will have a thickness of 2 to 3 inches, and stalks of leaves which grow like Cos or Romaine lettuce. About the middle of October, by which time they should be fully grown, tie the leaves closely together and blanch like celery, either by placing boards against them or by banking up with soil. Two or three weeks are sufficient to whiten the hearts for use. They may be taken up, roots and all, and stored in a cool cellar or trenched like celery; in this way the hearts will whiten and they can thus be kept all winter to be used as wanted. Distribute the contents of a packet along 15 feet of row and allow 1 ounce for 100 feet. The larger roots may be shortened to 5 inches, and planted 2 feet deep in spent tanbark or manure, when in two or three weeks if the temperature is favorable the large whitened "Witloof" heads may be dug up, washed and either boiled or served as salad. "Barbe de Capucin" is obtained somewhat similarly from these roots.

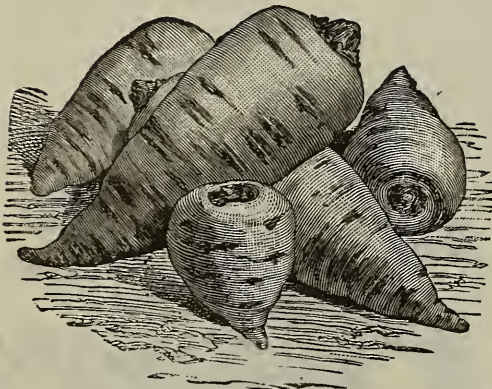
Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2.00



Ask for "Little Grown Vegetables," one of our "Leaflets which tell you How."



W. & D.'s Improved Witloof Chicory



Tuberous Rooted Chervil

CORN SALAD OR FETTICUS

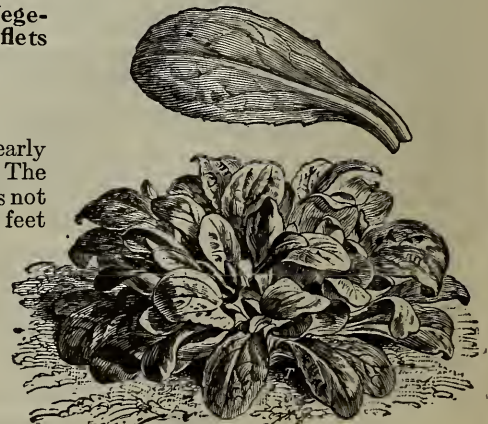
A hardy winter salad, the small leaves being served like Lettuce during the fall and early winter months, also used for garnishing meat dishes in the same manner as Parsley. The seed should be sown thinly in drills in April and during August and September, as it does not succeed during warm weather. One packet sows a row 12 feet long, one ounce 50 feet and 10 pounds is the allowance per acre. Sow in the open ground between April 15th and 30th, and between August 1st and September 15th. Have your rows 18 inches apart and thin your plants to stand four inches from one another in the rows. The seed is a trifle slow to germinate. Fifty days is the usual period between seeding and gathering.

LARGE-SEEDED. The best variety.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.



Ask for "Salads and Garnishes," one of our "Leaflets which tell you How."



Corn Salad

GOLDEN BANTAM SWEET CORN

Wonderful for the Small Garden—Small Ear but of remarkable Sweetness—Very early and good Cropper

This is perhaps the most remarkable Corn grown. From its appearance when matured, it might be thought to be field Corn, but one taste is enough to convince the most skeptical that a finer, sweeter variety is not in existence. Once this variety is grown, it is always grown, and is without doubt the most preferred of all Sweet Corn. It is quite early, but can be planted throughout the season. It is extremely productive, two ears or more appearing on a stalk, which averages only 4 feet high. The ears are small and measure from 5 to 7 inches long. On account of its small size, Golden Bantam can be planted closer together than other Corn, and is, therefore, excellently adapted to the small garden, yet, on account of its productiveness and flavor, it should have a place in every garden. When ready for the table, the kernels are a bright yellow, but are tender, deliciously sweet, richly flavored and remain tender for some time after ripening. Our stock is the true Golden Bantam, unmixed with other varieties:

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.

THE DON CORN

This variety is the best of all early sorts, and has during the past eight years proved itself superior in every way. The grains are pure white, marvellously sweet and tender. The ears are large, from eight to ten inches long, and have from ten to twelve rows arranged more or less irregularly on the cob. There is no variety we can more confidently recommend for successful planting throughout the season. Under ordinary conditions its quality is superb and will surely give satisfaction.

Pkt. 15 cts., pt. 45 cts., qt. 75 cts., 4 qts., \$3.00,
pk. \$6.00.

HOWLING MOB SWEET CORN

A good one for both Amateur and Professional—Large Cob, white and very early.

Of recent introduction. The flavor is remarkably sweet; this, combined with the ample size of the ear, makes it a valuable acquisition. In addition, it possesses the quality of earliness, which gives it great value as an all-round variety. A well-shaped ear, growing usually from eight to nine inches in length. The plant grows about five feet high, and bears normally two handsome ears containing twelve to fifteen rows of most delicious corn. Pkt. 15 cts., pt. 35 cts., qt. 65 cts., 4 qts., \$2.50, pk. \$5.00.

W. & D.'s "SUBURBAN" COLLECTION OF SWEET CORN

In 4 Varieties for Continuous Corn Throughout Summer

These collections consist of what we from experience believe to be four of the very best varieties. If planted in the spring at the same time, they will produce a succession of excellent sweet corn throughout the season.

The first of this selection is **Golden Bantam**, which is illustrated and described on this page. It is a dwarf variety and will be the first to ripen.

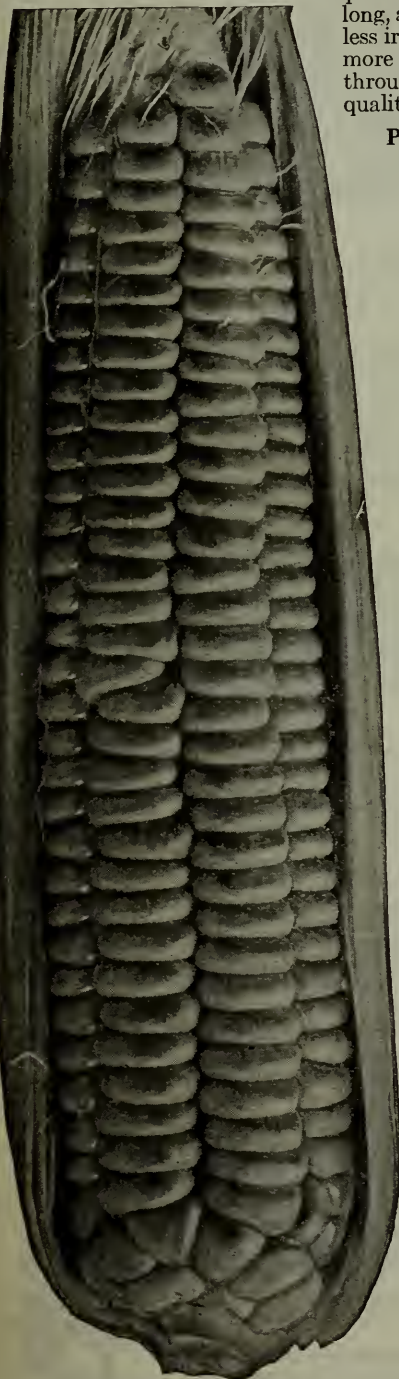
Then **The Don**, also illustrated and described on this page, will ripen and delight you with its wonderful sweetness, as it will surprise you with its size.

The second-early **Squantum** or **Potter's Excelsior** will come along next. It is delightfully sweet and tender. It is a general favorite and is largely used for market and for canning purposes.

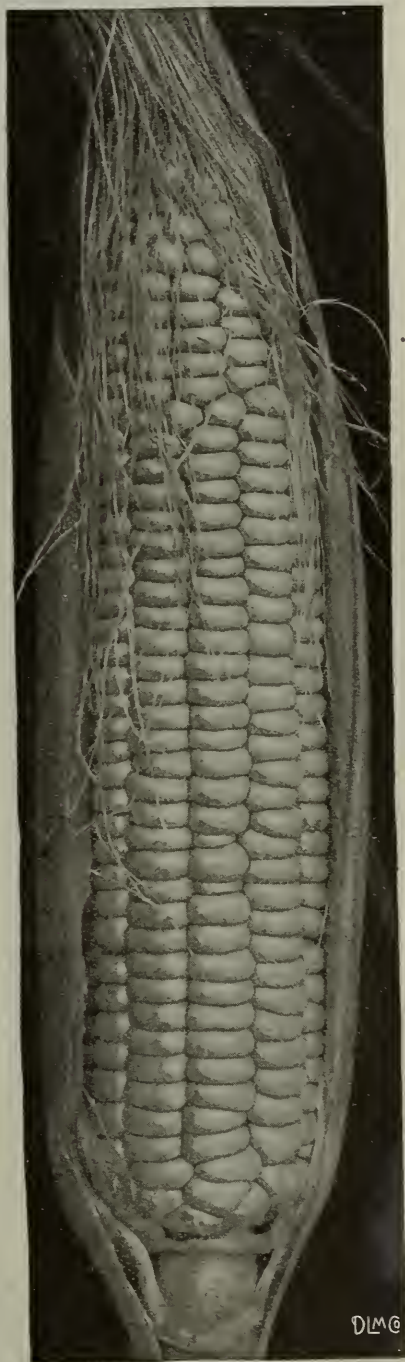
Finally, **Country Gentleman**, which will mature last, has large ears, with deep and irregular grains, all exceptionally tender and sugary. This variety has the advantage of remaining longer in the green state than any other. It is a general favorite.

1 pkt., each, enough for 150 hills, 50 cts.
1 pt., each, enough for 400 hills, \$1.50.
1 qt., each, enough for 800 hills, \$2.50.

Refer to pages 44, 45, and 46 for concise cultural information.



Golden Bantam
(Actual Size)



The Don
(Slightly Reduced)

EARLY CORN

- CROSBY.** Recommended for preserving; quality good. A twelve-rowed sort, cobs 7 inches; second early. **Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.**
- EARLY CHAMPION.** One of the best; the medium-early ears are large, sweet and white. **Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.**
- EARLY MAMMOTH.** Has large and rather pointed ears; kernels very large and sweet. Medium early. **Pkt. 15 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.50, pk. \$5.00.**
- EARLY MINNESOTA.** A standard early variety, of strong growth; ears large and very productive. Eight rows. **Pkt. 10 cts., pt. 35 cts., qt. 60 cts., 4 qts. \$2.25, pk. \$4.25.**
- EXTRA-EARLY CORY (Red Cob).** Excellent for short seasons; early, tender and sweet. Cobs 6 inches; eight rowed. **Pkt. 10 cts., pt. 35 cts., qt. 60 cts., 4 qts. \$2.25, pk. \$4.25.**
- GOLDEN BANTAM.** See page 19.
- GOLDEN ROD.** A splendid new variety, growing six feet high and yielding a medium size cob, remarkable for its fine flavor, resembling Golden Bantam in this respect. It is a mid-season variety and an acquisition. **Pkt. 15 cts., pt. 45 cts., qt. 80 cts.**
- HOWLING MOB.** See page 19.
- MAMMOTH WHITE CORY.** Resembles Red Cory, but is white; larger, and comes in a few days later. **Pkt. 15 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.50, pk. \$5.00.**
- W. & D.'S FIRST-EARLY.** One of the earliest; ears of medium size; sweet and very productive. **Pkt. 15 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.50, pk. \$5.00.**

MAIN CROP CORN

- BLACK SUGAR.** Of bluish black color; very tender and sweet; medium-early, tall. Eight rows. **Pkt. 15 cts., pt. 40 cts., qt. 75 cts., 4 qts. \$2.75, pk. \$5.50.**
- METROPOLITAN.** A medium-early Corn of vigorous growth and excellent quality. **Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.**
- SEYMOUR'S SWEET ORANGE.** A new second-early yellow Corn and is very desirable as a companion to Golden Bantam, than which it is about a week later. Grows six feet, cobs 7 inches. Strongly recommended. **Pkt. 15 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$3.00, pk. \$6.00.**
- SQUANTUM, or POTTER'S EXCELSIOR.** Is considered one of the best second-early varieties. Medium size ears, white. **Pkt. 10 cts., pt. 35 cts., qt. 60 cts., 4 qts. \$2.25, pk. \$4.25.**

LATE CORN

- COUNTRY GENTLEMAN.** Well-known variety, the long round kernels appearing crowded on the cob without any apparent arrangement in rows; cob of medium length. Sweet, tender and milky; very productive. **Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$6.00.**
- LATE MAMMOTH.** The sweetest and largest of all the mammoth sweet Corns; matures after Stowell's Evergreen. **Pkt. 10 cts., pt. 35 cts., qt. 60 cts., 4 qts. \$2.25, pk. \$4.25.**
- STOWELL'S EVERGREEN.** A splendid late sort; ears twelve to sixteen rowed. Remains fit for use over a long period. The flavor is excellent and is well preserved when canned. **Pkt. 15 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.50, pk. \$5.00.**

POP-CORN

- WHITE RICE POPCORN.** Pops very white and tender. Sow at a distance from other varieties of Corn, otherwise they will cross-fertilize. Grow pop-corn plants close together and allow to ripen thoroughly before gathering. **Lb. 15 cts., 100 lbs. \$14.00.**
- FIELD CORN.** See Farm Seeds.
- SWEET FODDER CORN.** See Farm Seeds.

CULTIVATION OF CORN

One peck is required to sow an acre; on smaller areas allow one pint for one hundred hills. One packet will make a sufficient sowing for the average suburban garden. Corn is usually planted in hills spaced on an average of thirty inches each way according to the habit of the variety. When sown in rows they should be from three to four feet apart, and the plants thinned to stand singly from six to twelve inches in the rows.

Corn should not be sown before May 15th; successive sowings may be made at intervals as required until June 10th; this practice, combined with a judicious selection of varieties will give a constant supply of this delightful vegetable over the entire season. The average time taken from seed is seventy-five days. A light dressing of W. & D.'s Garden and Lawn Fertilizer, dusted on the soil before each hoeing, helps to produce fine cobs.

FREE Ask for "Corn, Garden and Field," one of our "Leaflets which tell you How."

COLLARDS OR COLEWORT

- TRUE GEORGIA.** Resembles Cabbage in growth and appearance, but does not head; largely planted in the South for use as boiling greens during the Winter months, or as a green food for hens. Grow in the same manner as cabbage, and dust with "Slug-Shot" if caterpillars bother. This is a non-poisonous powder which is dusted on the plants and a package costs fifteen cents (Parcel Post 2 lbs.), and a five pound parcel (P. P. 6 lbs.) costs 60 cts. **Pkt. 5 cts., oz. 20 cts.**

FREE Ask for "Cabbage, Cauliflower, Kale and other Brassicæ," one of our "Leaflets."

CRESS OR PEPPERGRASS

- EXTRA CURLED.** Highly prized for garnishing. **Pkt. 5 cts., oz. 15 cts., ¼ lb. 45 cts., lb. \$1.25.**
- UPLAND, or BROAD-LEAVED WINTER.** Has the flavor of Water Cress and is a good garden substitute for that variety. **Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts.**
- TRUE WATER CRESS.** The well-known salad. **Pkt. 10 cts., oz. 50 cts.**

Sow Extra Curled Cress in the house in shallow boxes of soil or on pieces of damp cloth during the winter, and in the open ground after April 1st. When grown in earth do not cover the seed with soil, merely press lightly on the sown seed with a board. Use this board to cover the seed until it has started to germinate, when its place

may be taken by a few thicknesses of newspaper, which in turn are removed when the young plants are half an inch high. The seedlings are cut when they are 3 inches high, and after washing are served with Mustard seedlings as salad-ing, or as a dainty sandwich material. Ready in about fifteen days from sowing.

Water Cress is grown along the banks of running streams, or in ditches where the water is not altogether stagnant; it is also possible to grow it in a moist situation in the garden, watering it freely. Upland Cress may be used as a substitute, but the leaves are less refined and their flavor is not quite the same; its cultivation is of the simplest character.

FREE Ask for "Mustard and Cress" and "Salads and Garnishes," two of our "Leaflets which tell you How."



Georgia Collards



W. & D.'s IMPROVED WHITE SPINE CUCUMBER

This is the finest early Cucumber grown. None other is so handsome in appearance, whether on the vine or when sliced. It is very early and produces an abundant and continuous crop of uniformly large and finely formed "cukes." Their color is an intensely rich dark green, with white spines running from the blossom end. The flesh is remarkably fine grained, crisp and white, and has a flavor that is delightfully refreshing.

GREEN PROLIFIC PICKLING CUCUMBER. While this variety can be used for slicing, it is best for pickling, on account of its size. For this purpose it is the best variety grown. The "cukes" average about 5 inches long and make ideal "Dill Pickles," such as are sold in delicatessen stores. Every garden should have at least a few hills of these cucumbers to make up a few jars of pickles for winter enjoyment. They are easily prepared and every good cook-book will give various recipes for pickling.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50.

OTHER VARIETIES OF CUCUMBERS

BENNET'S EARLY WHITE SPINE. A popular early variety, either for family use or marketing. Fruits are straight, light green with white spines, crisp and tender.

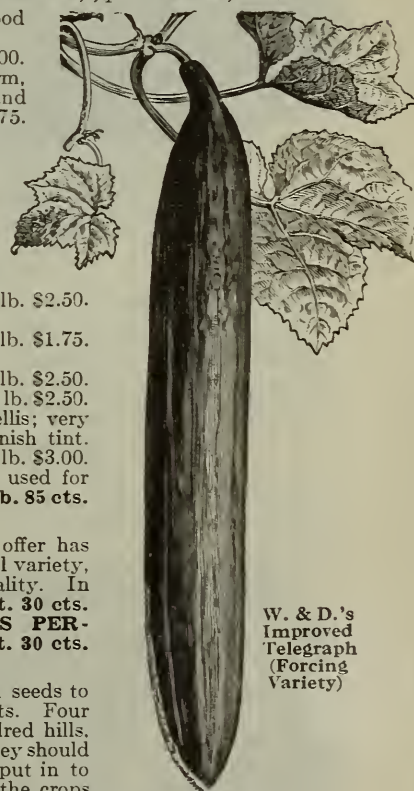
Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

COOL AND CRISP. Very early; long and slender; good for pickling or slicing. A white spine variety.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

CUMBERLAND. One of the best slicing sorts; flesh firm, very crisp and tender; fruit numerous, medium size and spiny. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

DAVIS PERFECT. The fruits of this excellent cucumber grow long and slim, sometimes measuring 12 inches. The color is a rich, dark, glossy green, very tender, brittle and of fine flavor. One of the best varieties for growing outside. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50.



W. & D.'s Improved Telegraph (Forcing Variety)

EARLY CLUSTER. Early. Bears in twos and threes. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

EARLY FORTUNE. Best of the White Spine varieties. Fruits are long, slightly tapering and a beautiful dark green; flesh is very refined, white and crisp.

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50.

EVERGREEN WHITE SPINE. Hardy, early, prolific; crisp, refined. Fruits 8 to 10 ins.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

EXTRA-LONG WHITE SPINE. An excellent sort with long green fruits; very prolific.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50.

IMPROVED LONG GREEN.

Long and crisp; a popular variety for pickles. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 70c., lb. \$2.50.

JAPANESE CLIMBING. A distinct variety. Can be grown on a trellis; very prolific. Fruits twelve to sixteen inches long, netted and of a brownish tint. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

WEST INDIA GHERKIN. Prickly variety two to three inches long, used for pickles. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts.

ENGLISH FORCING CUCUMBERS

W. & D.'s IMPROVED TELEGRAPH. The improved stock which we offer has a shorter neck, and keeps fresh and crisp much longer than the original variety. Fine shape, large and uniform; deep green and of exceptionally fine quality. In every way it is the most desirable of all forcing Cucumbers. Pkt. 30 cts.

BLAIR'S PROLIFIC, COVENT GARDEN FAVORITE, LOCKIE'S PERFECTION, DUKE OF EDINBURGH. Each, pkt. 30 cts.

Cultural Directions

Sow in hills four feet apart each way, using eight to ten seeds to each hill; thin out to three or four of the strongest plants. Four pounds of seed is used to the acre, two ounces for one hundred hills, and one packet will sow eight or ten hills. Being tender, they should not be sown before May 15th, but thereafter seed may be put in to the ground at fifteen day intervals until July 25th. Use the crops from the later sowings for pickling. The average time taken from seeding to gathering is sixty days. The Squash Bug sometimes gives trouble, and it is recommended to sow a few grains of Radish seed with the Cucumber as a protection for the young plants, pulling the radishes when mature. Add manure to the soil of each hill before sowing.



Cumberland

For further details, also hints on the growth of forcing Cucumbers in the greenhouse, obtain "Vine Plants" one of our "Leaflets which tell you How."

EGG-PLANT



Early Long Purple Egg Plant

W. & D.'S IMPROVED NEW YORK PURPLE. This is the leader both for the home and the market garden. It produces a large crop of purple fruit, free from spines or thorns. The plants are low, branch freely and are very compact. The flesh is white and of the most delicious flavor.

Pkt. 10 cts., 1/2 oz. 40 cts., oz. 75 cts., 1/4 lb. \$2.75.
BLACK BEAUTY. The fruit is large, thick and attractive; skin rich purplish black.

Pkt. 15 cts., 1/2 oz. 50 cts., oz. \$1.00, 1/4 lb. \$3.50.
BLACK PEKIN. Large, globular fruit of a dark glossy purple.

Pkt. 15 cts., 1/2 oz. 50 cts., oz. \$1.00.
EARLY LONG PURPLE. Early, hardy and prolific.

Pkt. 15 cts., 1/2 oz. 50 cts., oz. \$1.00.

Plants of W. & D.'s Improved New York Purple, ready June 1. 80 cts. per doz.



W. & D.'s Improved New York Purple Egg Plant

CULTURAL DIRECTIONS

A fine, rich, sandy loam, well-drained is best for Egg-plants, but fresh stable manure should be avoided. The best commercial dressing is W. & D.'s Garden and Lawn Fertilizer. Apply at the rate of 125 lbs. to a space 50x50 feet. One

packet provides enough plants for 100 ft. of row. Sow from Mar. 1 to Mar. 20 in the hot-bed or greenhouse. The seed is a trifle slow to germinate. Sometime after May 25, when all danger of frost is over transplant into rows 2 1/2 ft. apart and allow 2 1/2 ft. from plant to plant in the rows. 145 days from seeding to maturity is a fair estimate. Cultivate frequently. Protect plants against the potato beetle by spraying with Arsenate of Lead or Pyrox; the first named in powder form is 60 cts. per one-pound can (parcel post 2 lbs.). Pyrox in addition is a fungicide and is 45 cts. per one pound jar or five pounds for \$1.75; Pyrox cannot be mailed, but is sent by express.

FREE

Ask for "Tobacco, Egg Plant, Okra, and Pepper," one of our "Leaflets which tell you How."

DANDELION (Stock limited)

In spring, the blanched leaves of this plant make a most delicately flavored and wholesome salad. One packet sows a row 15 ft. long, ounce 100 feet, and 3 lbs. is the allowance per acre. Sow in the open ground after April 15th up to June 30th; have your rows 12 inches apart and thin your plants to stand six inches from one another in the rows; fifty days is the usual period between seeding and gathering. The quality is improved very much by blanching, which can be easily done by tying up the plants, or by using boards in a similar manner to Celery. (See Cut at foot of page.)

IMPROVED LARGE LEAVED. A variety much grown in the vicinity of Paris, and is very vigorous, producing very large leaves which blanch well; they are tender and of excellent flavor.

FREE

Ask for "Little Grown Vegetables," one of our "Leaflets which tell you How."



W. & D.'s Improved Broad-leaved Batavian Endive

Pkt. 15 cts., oz. 75 cts.

ENDIVE

W. & D.'S IMPROVED BROAD-LEAVED BATAVIAN (Escarolle). This variety is far more extensively cultivated than any other kind. The leaves are more or less twisted apart. Thin out so as to have the seedlings 5 or 6 inches apart, and water freely. In flavor it resembles celery, but with a sweet taste.

Pkt. 10 cts., oz. 30 cts., 1/4 lb. 85 cts., lb. \$3.00.

OTHER VARIETIES

GREEN CURLED. The hardest variety grown. The leaves are very finely cut and lace-like; when the centre is blanched the appearance and flavor are both exceedingly good. **Pkt. 5 cts., oz. 20 cts., 1/4 lb. 60 cts., lb. \$2.00.**

MOSS CURLED. More finely curled and denser than Green Curled.

Pkt. 10 cts., oz. 30 cts., 1/4 lb. 85 cts., lb. \$3.00.

WHITE CURLED. Very tender when cut young. Easier to grow in that blanching is not necessary. **Pkt. 5 cts., oz. 25 cts., 1/4 lb. 75 cts. lb. \$2.50.**

HOW TO GROW ENDIVE

The cultural suggestions given on page 24 for Lettuce may be followed in regard to Endive. Tie the leaves together a few days before gathering to blanch or whiten the inner leaves.



Garlic Sets

FREE

Ask for "Salads and Garnishes," one of our Leaflets which tell you How."

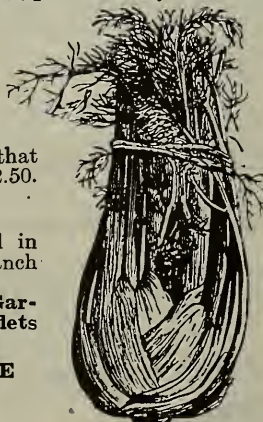
See page 18 for **FRENCH ENDIVE (Witloof Chicory).**

GARLIC

GARLIC (Sets). Garlic is used for a variety of flavoring purposes. One pound plants about 10 ft. of drill. Have your rows 1 ft. apart and plant the small outer cloves taken from the bulbs four inches apart covering them with an inch of soil. Put out from April 15th to June 1st in the open ground. As soon as the leaves have turned, the crop is mature and may be harvested like the Onion. **Lb. 50 cts.**

FREE

Ask for "Little Grown Vegetables," one of our "Leaflets which tell you How."



Fennel or Finocchio

FENNEL

FLORENCE FENNEL, OR FINOCCHIO. Sow in

spring in rows 16 to 20 inches apart. Thin out so as to have the seedlings 5 or 6 inches apart, and water freely. In flavor it resembles celery, but with a sweet taste.

Pkt. 10 cts., oz. 25 cts.

For further details see our leaflet "Little Grown Vegetables."



Improved Large-leaved Dandelion



W. & D.'s Selected Big Boston Head Lettuce

NEW BRITTLE ICE LETTUCE

Large, crisp and handsome—a good summer sort.

This Lettuce is light green in color, has tightly compacted leaves, and the beautiful blanching, brittle white heads are over half a foot in diameter. In appearance it is different to all others. A quick grower and one that is recommended particularly to amateurs and gardeners on private estates, but it is not a very suitable sort for the market man. May be grown in spring, summer or fall. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$2.75.

MAMMOTH BLACK-SEEDED BUTTER LETTUCE

Great Hot Weather Variety—Tender, Crisp and Solid

The great solid heads of this grand variety stand the heat splendidly. The heads are a beautiful yellow and of superb quality. It has all the rich flavor of the "butter" Lettuce. Because it stands the heat, this variety is practically everbearing and will give a supply of crisp Lettuce from early until late. This is a favorite variety, especially with the small grower, who wants a little Lettuce all season and does not care to plant several varieties. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.



Mammoth Black-Seeded Butter Lettuce

LETTUCE—Heading Varieties

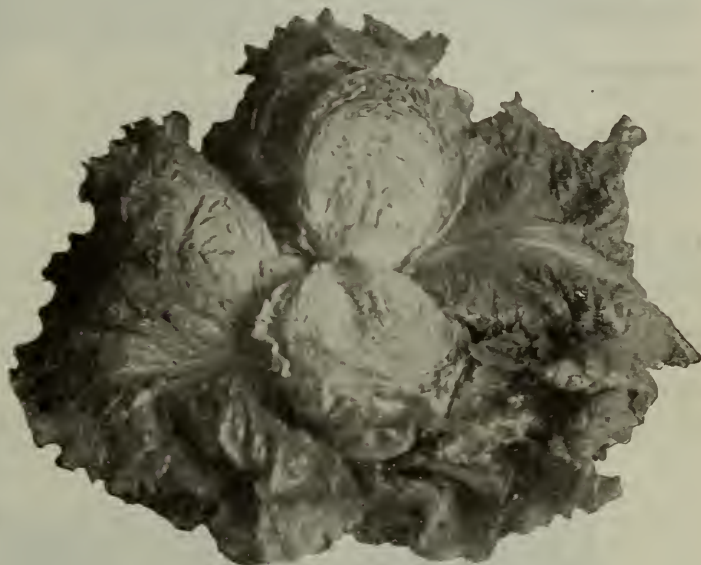
W. & D.'s

SELECTED BIG BOSTON HEAD LETTUCE

The favorite with both truck and amateur gardeners

This is a great Cabbage Lettuce that has steadily gained in popularity, whether grown in the open or in frames in early Spring. It produces plants often 10 to 12 inches across. It always gives the grower the greatest satisfaction. The large, compact, splendid, creamy white heads, packed with thoroughly blanched leaves, are always crisp, tender and attractive. The leaves are a delightful shade of light green, tinged light brown on the outer leaves. There are few outside leaves, and the plant stands for some time before sending up the seed stalk. This grand variety is grown in great areas in all sections of the country. Our Big Boston is the best large-heading variety, and succeeds in all seasons except the hottest Summer months. For Fall planting it has no superior, and a light covering or mulch of salt hay will protect the heads against frosts. No other variety gives such genuine satisfaction under all conditions of weather. Our strain is carefully selected and we highly recommend it to all home or market gardeners who want fine, big, crisp, tender heads of Lettuce.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.



Brittle Ice Lettuce

ALL-HEART. Is well adapted for either Spring or Summer use.

It forms a large head with a loose heart and is of superior flavor. Can be grown in frames, or outdoors during spring or fall.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

BOSTON MARKET. Perfect, solid, crisp and compact heads of small size; good for forcing. A quick grower.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

DEACON. A late sort. Heads large and solid; inner leaves tender and of a fine golden yellow; a sure header; a splendid variety for amateur and professional.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

GOLDEN QUEEN. Very early; small yellow heads, crisp and tender.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

HANSON. Large heads; hearts quickly and stands the Summer well. The inside leaves blanch almost white; very reliable.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

ICEBERG. Large, solid hard heads; very handsome, tender and crisp. Finely indented leaves.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.25.

Heading varieties of Lettuce continued on next page.

HEADING VARIETIES OF LETTUCE—Continued W. & D.'s MAY KING LETTUCE

Early—Quick Grower—Solid Header—Great Shipper

Our May King Lettuce is practically all head and is of remarkably quick growth. Planted in the early Spring in the open ground, the heads grow quickly to a diameter of six or seven inches and are extremely handsome in appearance. The broad, light-green outer leaves fold closely about the round, solid head. In cool weather the edges of these leaves are tinged with brown. The inner leaves are blanched to a golden yellow. The solidity of the flavor of the inner leaves is rich, tender and buttery. Boston is an excellent shipping sort. Plant repeatedly in Spring and again in September. Is also a suitable sort for frames.

Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

W. & D.'S IDEAL FORCING. As a Lettuce for growing under glass Ideal, is far ahead of any variety yet sent out. It possesses all the good qualities of May King, but comes into use earlier and forces better than that favorite sort. We have every confidence in recommending it as the best Lettuce for forcing. **Pkt. 15 cts., ½ oz. 25 cts., oz. 40 cts.**

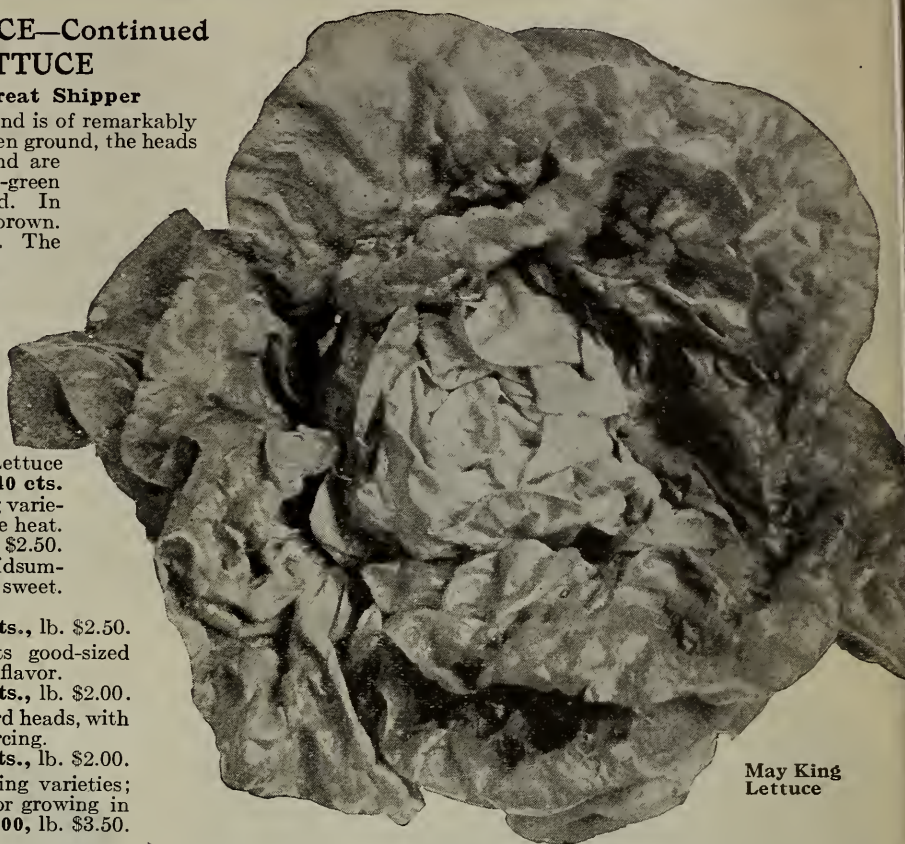
MIGNONETTE. A small, early, compact-growing variety; very hardy and does not run to seed. Stands the heat. **Pkt. 10 cts., oz. 25 cts., ¼ lb., 75 cts., lb. \$2.50.**

NEW YORK or WONDERFUL. Excellent for midsummer; heads large, well whitened, crisp, tender and sweet. Popular sort for the home garden. **Pkt. 10 cts., oz. 30 cts., ¼ lb. 75 cts., lb. \$2.50.**

SALAMANDER. A popular summer variety; its good-sized heads are compact and tender, with rich, buttery flavor. **Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.**

TENNISBALL. (Black-seeded). Forms close, hard heads, with few outer leaves; crisp and tender. Good for forcing. **Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.**

WAYAHEAD. One of the earliest and surest-heading varieties; crisp, tender and of excellent flavor. Valuable for growing in frames. **Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1.00, lb. \$3.50.**



May King Lettuce

LEAF, or NON-HEADING VARIETIES

BLACK-SEEDED SIMPSON. Produces a compact mass of leaves, but does not head; stands the Summer well. **Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.**

EARLY CURLED SIMPSON. Does not head, but forms a close, compact mass of leaves; very early. One of the best. **Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.**

GRAND RAPIDS. For hot-bed or greenhouse; does not head. Keeps and ships well. Matures quickly into loose clusters of large, tender leaves. **Pkt. 10 cts., oz. 30 cts., ¼ lb. 75 cts., lb. \$2.50**



Paris Self Folding Romaine Lettuce

ROMAINE, or COS VARIETIES

PARIS SELF FOLDING WHITE COS (Romaine). The most generally grown of all Cos Lettuces; much esteemed in Europe. The leaves are large, luxuriant, light green and rather crimped, those forming the large head are always folded and pale green, with the midrib white and prominent. The leaves may be tied up for a few days to facilitate blanching. **Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.**

EXPRESS COS. A fine dwarf, early sort, requiring no tying up. **Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.**

TRIANON COS. Long, narrow leaves; very tender and crisp. Is self blanching; tying is unnecessary. **Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.**

LETTUCE PLANTS. Ready April 15.

Planting Suggestions

A rich, but rather light soil, ensuring quick growth, gives best results. One packet sows a row fifteen feet long, one ounce one hundred feet, and three pounds is the allowance per acre. Sow in the open ground after April 1st up to September 15th, but using only those sorts that are mentioned as being suitable during the hottest period of summer; have your rows twelve inches apart and thin your plants to stand nine inches from one another in the rows. Fifty-five to seventy days is the usual period between seeding and gathering.

Ask for "Salads and Garnishes," one of our "Leaflets which tell you How."

NASTURTIUM

DWARF MIXED.

Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

TALL MIXED.

Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

See also page 85.

One packet sows a row 15 feet and one ounce 50 feet.

Sow in the open ground after May 15th. Have your rows 18 inches apart and thin your plants to stand four inches from one another in the rows.

The flowers may be employed as an addition to salads, and the seeds and flower heads when young may be pickled in vinegar and used as seasoning material, similar to capers.

Ask for "Nasturtiums for Decoration and Food," one of our "Leaflets which tell you How."

KALE, OR BORECOLE

W. & D.'s DWARF CURLED

Dwarf, But Stout and Compact—Very Productive

This variety of Kale is the best to grow, as our strain is especially selected. The plant is dwarf, but stout and very compact, and makes a handsome appearance. The leaves are densely crisped and curled. This is one of the most productive varieties. **Pkt. 10 cts., oz. 35 cts., ¼ lb. \$1.25.**

TALL CURLED SCOTCH. Grows about 2 feet high, with an abundance of dark green leaves, which are very curly and wrinkled. **Pkt. 10 cts., oz. 35 cts., ¼ lb. \$1.25.**

DWARF BROWN. Beautifully curled; productive, hardy, and of fine flavor. **Pkt. 5 cts., oz. 30 cts., ¼ lb. \$1.00.**

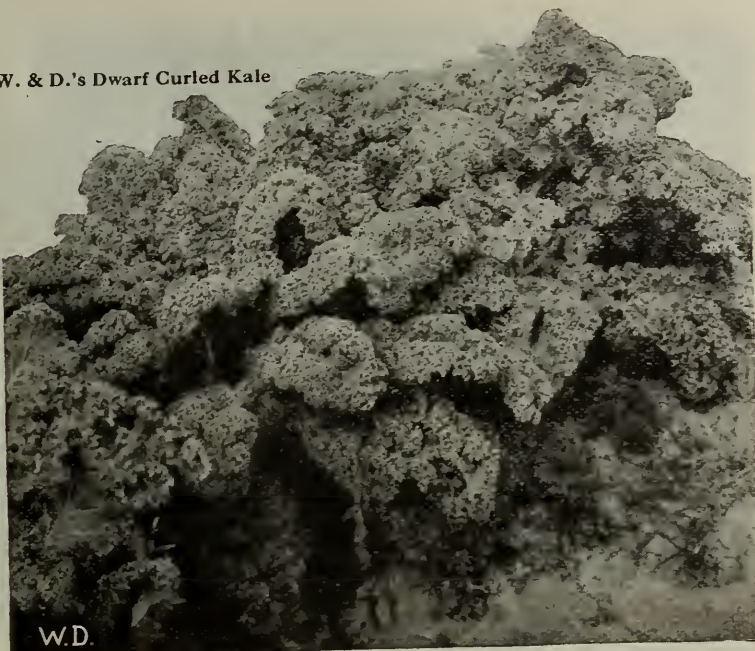
SIBERIAN KALE, or SPROUTS. Called also German Greens; has large finely curled leaves. Hardy. Generally sown towards the end of August and treated as Spinach. **Pkt. 5 cts., oz. 30 cts., ¼ lb. \$1.00.**

Cultural Directions

One-half ounce provides sufficient plants for 100 ft. of row; one packet for about 25 ft., 4 lbs. for an acre. Seed is sown in a spare corner in the open between April 1st and July 1st, and when the plants are in their fourth leaf, they are put out in rows 2½ feet apart with 2 feet between the plants in the row. About 65 days should be allowed between sowing the seed and expecting the crop. Kale is hardy and is improved by light Autumn frosts.

FREE Ask for "Cabbage and Cauliflower, Kale and other Brassicæ," one of our "Leaflets which tell you How."

W. & D.'s Dwarf Curled Kale



KOHL RABI (See illustration at foot of page.)

W. & D.'s SHORT-LEAVED WHITE VIENNA. A very early variety, tender and delicate. It is most delicious when used before fully grown. A small shapely root with greenish-white skin and tender white flesh. **Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.40, lb. \$5.00.**

EARLY SHORT-LEAVED PURPLE VIENNA. Purple skin, white flesh. **Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.40, lb. \$5.00.**

Cultural Directions

One ounce provides sufficient plants for 100 ft. of row; one packet for about 25 ft.; 5 lbs. for an acre. Seed may be sown directly into the drills, or better still in a spare corner in the garden sometime between April 1st and July 1st, and when the plants are in their fourth leaf, they are put out in rows 2 ft. apart with 4 in. between the plants in the row. About sixty days should be allowed between sowing the seed and expecting the crop.

FREE Ask for "Cabbage and Cauliflower, Kale and other Brassicæ," one of our "Leaflets which tell you How."

LEEK

W. & D.'s GIANT EXHIBITION LEEK. The largest Leek in cultivation; has attracted great attention at all the principal shows for the last few years. Its distinguishing points of merit are its immense size and great length of blanched stem. The seed has been saved from plants carefully re-selected, and we are confident that this will be appreciated by all who grow for exhibition. **Pkt. 50 cts.**

W. D.'s LARGE AMERICAN FLAG. Large and of fine, rich flavor. The leaves are broad and of rather dark green, with the blanched part very long and exceedingly tender; it is most desirable for general use. **Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.**

MUSSELBURGH, or SCOTCH. This is a large, thick variety, growing 6 to 8 inches long; unequalled for general use. **Pkt. 10 cts., oz. 35 cts., ¼ lb. \$1.00.**

Cultural Directions

The leek is very hardy and easily cultivated; it succeeds best in a light but well-enriched soil. One ounce is sufficient for 200 ft. of drill, one packet for 25 ft. Four pounds necessary per acre. Rows 18 inches apart, plants thinned to six inches. Sow in the open from April 1st to May 15th, or seeds may be started earlier under glass. Earth up slightly, same as Celery, to blanch or whiten the necks.

FREE Ask for "Onions and Leeks," one of our "Leaflets which tell you How."

MARTYNIA PROBOSCIDEA

MARTYNIA PROBOSCIDEA. Produces long seed-pods, which, gathered half grown, are green and tender. Makes a delicious sweet pickle. Sow early in June.

Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1.00.

MUSTARD

WHITE LONDON. The best variety for salad.

Oz. 10 cts., ¼ lb. 25 cts., lb. 75 cts.

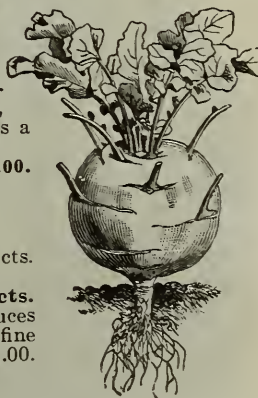
BLACK OR BROWN. An esteemed sort for culinary use.

Oz. 10 cts., ¼ lb. 25 cts.

CHINESE, or SOUTHERN GIANT CURLED. Produces large, dark green leaves, with extra-curved edges; makes a fine salad. **Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.00.**

Cultural Suggestions

Grow White London in exactly the same way as Cress, which see, except that it is sown four or five days later.



White Vienna
Kohl Rabi



W & D.'s Large American Flag Leek



W. & D.'s Early Hackensack Muskmelon

W. & D.'s EARLY HACKENSACK MUSKMELON

This is one of the most delicious Melons, and while not so large as the Hackensack, is at least 10 days earlier. At one time this variety was almost entirely replaced by the cantaloupe types, but its qualities were too fine to be ignored and they have brought it back into full favor again. It is a round variety, slightly flattened from stem to blossom end and is heavily ribbed and deeply netted. The flesh is of a light green color, very thick and of a wonderful flavor. Its very appearance is both striking and beautiful. By many growers the Early Hackensack is considered the finest Muskmelon that grows.

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

W. & D.'s ROCKY FORD MUSKMELON

Originated out in Rocky Ford, Colo., some years ago as an improvement on the Netted Gem, and has since been improved by us. This variety has taken the market by storm. The fruit is oblong, with ribs that are little prominent and the surface is covered with delicate netting that is like fine lace. The flesh is thick, green-tinted and very aromatic and sweet. The little suggestion of pink around the seed cavity gives it a very attractive appearance. The flavor is delightful and has won great popularity. Rocky Ford has fine shipping and keeping qualities.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

OTHER VARIETIES

BURRELL'S GEM. An oval-shaped, medium-sized Melon of reddish orange-colored flesh; sweet and tender. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

EMERALD GEM. A deep green on the outside with a beautiful salmon color inside make this little gem as beautiful to look at as it is delicious in flavor. It is medium in size and exceedingly early, but very prolific and bears for a long time. The rind is thin, without ribs, but is deeply netted. Light stripes run through the dark green surface. The flesh is very firm and thick and is rich and delightfully "different" in flavor. It is certainly a "gem" in every way.

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

HONEY DEW. Much sought after as a market variety. The rind is dull white, the flesh is green, and the flavor is very sweet. The melons sometimes measure eight inches in length. Have become immensely popular in New York markets.

Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

HOODOO. A very splendid shipping variety. Is a mid-season sort, round, netted, with good thick orange-yellow flesh. The flavor is particularly good.

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

JENNY LIND. Is the earliest of the green-fleshed Melons; is round, flattened and prolific.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

LONG ISLAND BEAUTY. Has green flesh of very fine quality; thickly netted skin; very early.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

MILLER'S CREAM, or OSAGE. Has very thick, salmon-colored flesh of fine flavor; productive.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

MONTREAL NUTMEG. The largest and handsomest form of nutmeg Melon; its flavor is of the richest, and the flesh is dark green with a netted and distinctly ribbed skin. Well grown specimens weigh as much as twenty pounds each; fine for exhibition purposes.

Pkt. 15 cts.

NETTED GEM. Light green flesh; very early; round and uniform.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

PAUL ROSE, or PETOSKY. A Melon of extraordinary flavor; very thick salmon-colored flesh; oval shape.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

W. & D.'S SETH LOW. This is a Melon of very attractive appearance. It is extra large, of round form, with rich salmon-colored



Hoodoo Muskmelon

flesh that is very thick, and it has an unusually thin rind; it is deeply ribbed, slightly netted, and averages in weight from seven to ten pounds. Is very desirable for growing under glass and outside.

Pkt. 15 cts.

THE GRAND. A large fine Melon, with deep scarlet flesh of excellent flavor and quality.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

FORCING VARIETIES

KING GEORGE. This is a beautiful forcing Melon of unusual merit. It has extraordinarily thick, rich, scarlet-orange flesh throughout, with yellowish green outer skin; it is beautifully netted and emits a rich aroma. The fruits weigh up to eight pounds.

Pkt. 50 cts.

Following Varieties each Pkt. 25 cts.

BLLENHEIM ORANGE. Scarlet flesh.

HIS EMINENCE. Green flesh.

INVINCIBLE SCARLET. Deep scarlet flesh

SUPERLATIVE. Scarlet flesh.

ROYAL SOVEREIGN. White flesh, green skin.

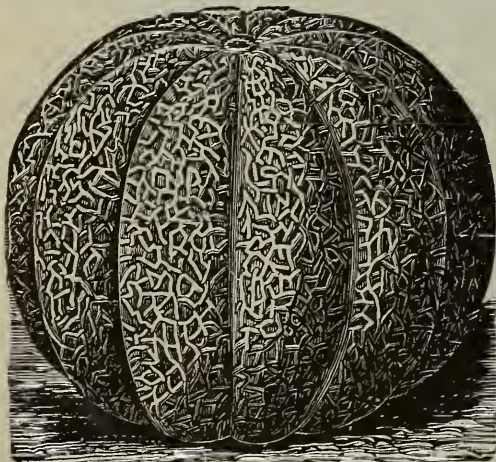
SUTTON'S A1. Scarlet flesh.

Cultural Suggestions

The soil should be a sandy loam into which has been worked plenty of manure. Use Pulverized Sheep Manure at the rate of one pound per square yard, or our Garden and Lawn Fertilizer can be applied instead at the rate of 300 pounds for a plot 100 x 100 feet. Place a large handful in each hill. For an early crop start the plants in hotbeds and plant out when the ground is warm. For the regular crop sow ten or twelve seeds in hills at intervals of 4 feet each way; 4 pounds of seed is usual per acre, 2 ounces for 100 hills and one packet will sow six or eight hills. Muskmelons are tender, and should not be sown in the open before May 15th. The average time taken from seeding to gathering is ninety days.



Ask for "Vine Plants," one of our "Leaflets which tell you How."



Montreal Nutmeg



Kleckley's Sweets

COLE'S EARLY WATERMELON

This is a standard variety that has become a general favorite; the standby for those who have found Watermelons impossible to raise, being a most delicious and productive variety for family gardens. This is due in part to its extreme earliness, which enables it to mature in latitudes as far north as Canada. The fruits are small, averaging about twelve inches in length and usually about nine inches in diameter. The flesh is of fine texture, crisp and free from pithiness, and of a most attractive deep red color which extends from heart to rind. The flavor is luscious and extremely refreshing.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Cultural Directions

The soil and treatment are the same as for Muskmelon. Sow in patches ten or twelve seeds at intervals of 8 ft. each way; the patches are termed "hills." Thin to four strong plants. Five pounds of seed is usual per acre, 3 ounces for 100 hills and one packet will sow six or eight hills. The average time taken from seeding to gathering is one hundred and twenty-five days.

FREE Ask for "Vine Plants," one of our "Leaflets which tell you How."

CITRON

RED SEEDED. A variety of Water Melon which is used only for preserves; easily grown as suggested above. The fruits are round, about ten inches in diameter, with a dark green skin with characteristic mottling of a lighter shade. Make interesting and effective additions to a collection of vegetables on the show table.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

OKRA OR GUMBO

PERKINS' LONG-POD. The pods are produced in great abundance, and when ready to use are from 4 to 5 inches in length, of a handsome green color, and best quality.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.

IMPROVED DWARF GREEN. Very early, smooth pods.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

WHITE VELVET. This Okra takes its name from the smoothness of its pods, which are round, differing in this respect from the old sort.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

How to Grow Okra

This succeeds best when sown in rows three feet apart, placing the plants from one to two feet apart in the row, according to the variety. One packet will provide enough plants for the average suburban garden. Okra should not be sown until the ground is warm, say about May 15th, in the vicinity of New York. The crop matures in about sixty days.



Citron

FREE Ask for "Tobacco, Egg Plant, Okra and Pepper," one of our "Leaflets which tell you How."

KLECKLEY'S SWEETS WATERMELON

This is the most desirable variety for home gardens. It is the sweetest of all Watermelons and cannot be excelled for its superb luscious flavor. Many who have said they did not like Watermelon have been won over by these melons. It is particularly desirable to plant for home gardens, although the skin is too tender for shipping. The appearance is very handsome and the melons are of a most uniformly superior variety. They ripen quite early. The fruits are oblong in form, with dark green skin and very thin rind; flesh bright scarlet with broad, solid heart. The white seeds are placed close to the rind. It is remarkably crisp, sugary and melting, entirely free from stringiness. The melons average 18 to 20 inches in length by 10 to 12 inches in diameter. If only one Watermelon is planted, this should be the variety.

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

OTHER VARIETIES OF WATERMELON

FLORIDA FAVORITE. Of medium size, long, striped alternately light and dark green; flesh deep red, crisp and sweet, the rind is tough and the melons stand shipping well.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

HUNGARIAN HONEY. A very early sort, for northern latitudes; perfectly round; brilliant red flesh.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

ICE-CREAM, or PEERLESS. A fine Melon of good size; skin mottled green; oval shape; flesh rich scarlet and sweet; very productive.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

MAMMOTH IRONCLAD. Large, heavy, oblong fruits; skin dark green, with bright stripes of lighter green; rind thin; flesh bright red, crisp and free from stringiness. Grows two feet in length.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

MOUNTAIN SWEET. Early; large, oblong; skin dark green; flesh red and sweet. A good Melon for northern gardens.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

TOM WATSON. Produces fruits 18 to 24 inches long by 10 to 12 inches in diameter, weighing from 50 to 60 pounds. The rind is green, tough and of excellent shipping quality; the flesh deep red, crisp, melting and of the finest flavor.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.



Perkins' Long Pod Okra

MUSHROOMS

W. & D.'S RELIABLE ENGLISH MILLTRACK SPAWN
ONE BRICK WILL SPAWN ABOUT 8 SQUARE FEET



Our celebrated English Spawn is well known and used by growers of Mushrooms all over the country. We are constantly receiving testimonials from our numerous customers as to its superiority. For many years we have made a specialty of Mushroom Spawn, and the superior quality of our English Milltrack Brand has gained for us a reputation which we feel proud of. It is manufactured especially for us by a famous English expert who has made a life study of this work.

We receive monthly shipments during the growing season, so that our stock is always fresh and sure to give good results. Per brick (about 1 1/4 lbs.), 25 cts., 12 bricks \$2.75, 100 bricks \$22.00.

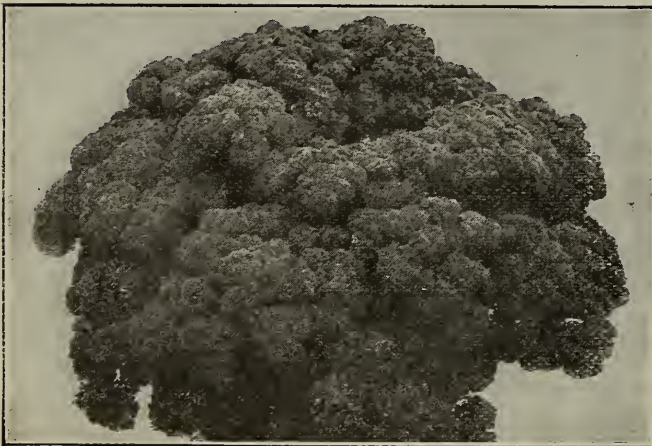
PURE-CULTURE SPAWN. Made in America from selected Mushrooms. Best quality. Many growers consider Pure Culture Spawn superior to any other.
Per brick 30 cts., 12 bricks \$3.25, 100 bricks \$25.00.

FRENCH VIRGIN SPAWN. Produced by a new method direct from Virgin spores secured from the finest type of healthy, large, white French Mushrooms.
In tablets, 20 cts. each, \$2.00 per doz., \$12.00 per 100.

How to grow Mushrooms

One brick of American or English Spawn is sufficient for a space 4 ft. by 2 ft.; it should be broken into small pieces and these inserted two inches deep and six inches from piece to piece. Mushrooms are quite easy to grow in any enclosure where a constant temperature of fifty to sixty-five degrees can be maintained. Obtain a quantity of fresh stable manure and place it in a heap under cover for it to heat; turn it daily for five days and then make your bed eighteen inches deep, three feet wide and as long as convenient. Have your manure moderately firm. Test the temperature of the bed every day with a thermometer (a hotbed thermometer specially made for the purpose we supply at \$2.50) and when you find it has commenced to fall get ready to "Spawn" the bed. When eighty-five degrees has been reached in the drop of the mercury break your spawn into pieces and plant them two inches deep. Cover the bed with a two-inch layer of really good loamy soil and over this put a layer of straw; watch the surface of the bed and if it appears dry sprinkle it lightly with a little warmed water. Mushrooms appear in six or seven weeks.

FREE Ask for "Mushrooms," one of our "Leaflets which tell you How."



W. & D.'s Triple Curled Parsley

PARSLEY CRESTED GEM

A dwarf, compact Parsley, exquisitely curled and highly ornamental for garnishing purposes. The compact habit of the plant and the fineness of the closely cut foliage are unsurpassed. The best variety for table decoration.
Pkt. 10 cts., oz. 25 cts., 1/4 lb. 85 cts.

W. & D.'S TRIPLE CURLED

This beautiful and sturdy variety has extremely fine leaves most gracefully curled. It is a deep green and retains its color throughout the Winter.
Pkt. 10 cts., oz. 20 cts., 1/4 lb. 60 cts., lb. \$2.00.

OTHER GOOD VARIETIES

EXTRA-DOUBLE CURLED. Dwarf; highly esteemed for garnishing.
Pkt. 5 cts., oz. 15 cts., 1/4 lb. 35 cts., lb. \$1.20.

PLAIN. (Italian.) A plain-leaved variety, fine for flavoring.
Pkt. 5 cts., oz. 15 cts., 1/4 lb. 45 cts., lb. \$1.50.

HAMBURG, or ROOTED. Extensively grown for its roots, which are used in flavoring soups.
Pkt. 5 cts., oz. 20 cts., 1/4 lb. 60 cts., lb. \$2.00.

FERN-LEAVED. Fine variety for garnishing.
Pkt. 5 cts., oz. 15 cts., 1/4 lb. 45 cts., lb. \$1.50.

Cultural directions for Parsley

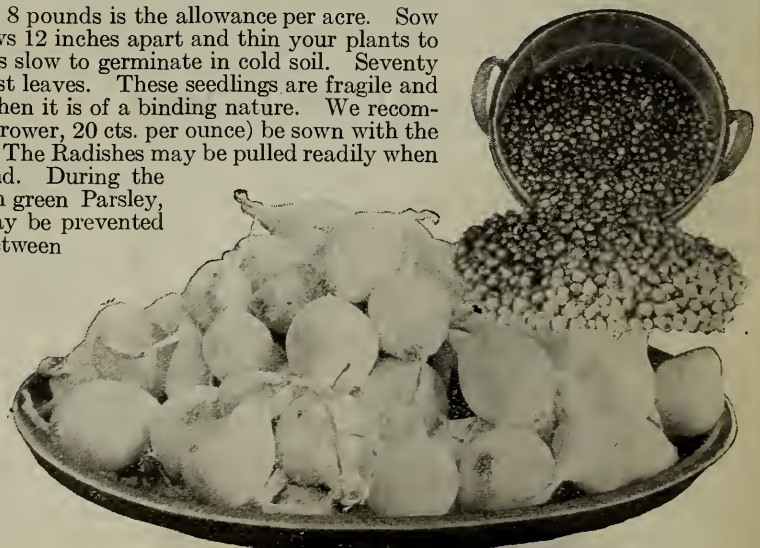
One packet sows a row 20 feet long, one ounce 100 feet, and 8 pounds is the allowance per acre. Sow in the open ground from April 1st to May 31st; have your rows 12 inches apart and thin your plants to stand four inches from one another in the rows. The seed is slow to germinate in cold soil. Seventy days is the usual period between seeding and gathering the first leaves. These seedlings are fragile and they occasionally have difficulty in getting through the soil when it is of a binding nature. We recommend that a few grains of French Breakfast Radish (a sturdy grower, 20 cts. per ounce) be sown with the Parsley to break the soil crust and quickly to mark your row. The Radishes may be pulled readily when mature, leaving the young Parsley in possession of the ground. During the hot Summer months it is difficult to maintain a supply of fresh green Parsley, the intense heat causing the leaves to turn brown. This may be prevented by planting the crop in a partially shaded place, such as between hills of corn.

ONION SETS

	Qt.	Peck
RED.....	\$0.55	\$2.00
WHITE.....	.60	2.25
YELLOW.....	.55	2.00
WHITE MULTIPLIER.....	.40	2.85
POTATO, or YELLOW MULTIPLIER.....	.55	2.00
SHALLOTS.....	.55	2.00
EGYPTIAN or PERENNIAL TREE SETS. Ready in September.		

See under Onions on next page for cultivation.

If Onion Sets are required by Parcel Post add postage at zone rates. Mailing weight: one quart equals one pound.



Onion Sets

W. & D.'s GLOBE ONION COLLECTION

WHITE

YELLOW

RED

These three varieties are unexcelled. They possess every quality necessary to perfection in this indispensable vegetable; whether used green during the Summer or when stored for Winter use, they are always deliciously tender and of perfect quality. They all have the same globular shape (as illustrated in White Globe), and when mature are large, heavy and solid. Our strain is so well bred that the tops practically disappear at maturity, leaving a perfect, spherical bulb.

WHITE GLOBE. Pkt. 15 cts., $\frac{1}{2}$ oz. 30 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2.25.

YELLOW GLOBE. Pkt. 15 cts., $\frac{1}{2}$ oz. 30 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2.25.

RED GLOBE. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75.



White Portugal

W. & D.'s SELECTED AILSA CRAIG.

A handsome, oval-shaped variety, with pale straw-colored skin, attaining an enormous size. The flesh is beautifully white and mild; a splendid keeper and is still the most popular Onion for exhibition purposes. Our stock is from a re-selection of the most perfect type, and is unrivaled for perfection of form, combined with size and weight. It has won the favor of all our customers who have given it a trial. Pkt. 25 cts., oz. \$1.00.

CRANSTON'S EXCELSIOR. Very large and handsome; of mild flavor and excellent keeping qualities; pale straw color; valuable for exhibition. Pkt. 25 cts.

EXCELSIOR PICKLING. Very small, early, white and flat. The best white pickling variety. Pkt. 15 cts., $\frac{1}{2}$ oz. 30 cts., oz. 60 cts.

GIGANTIC GIBALTAR. (Very Scarce.) Remarkable for its gigantic size. Valuable for exhibition purposes. Pkt. 15 cts., $\frac{1}{2}$ oz. 30 cts., oz. 60 cts.

HARDY WINTER WHITE. The earliest and hardest variety grown; excellent for pickling. Pkt. 15 cts., $\frac{1}{2}$ oz. 30 cts., oz. 60 cts.

LARGE RED WETHERSFIELD. A perfect red Onion for home and market; mild flavor and a good keeper. In shape it is somewhat flat, and the skin is deep purple-red. One of the most satisfactory and easily grown varieties. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

PRIZETAKER. The most popular of all the yellow Globe Onions. Mild flavor, medium early and of immense size; the bright yellow skin covers a flesh that is white and delicate. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2.00, lb. \$7.00.

WHITE PORTUGAL. One of the leading white sorts, of beautiful shape and mild flavor; bulbs are flat; matures early. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2.00.

WHITE BUNCH. For bunching or using in the green state. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2.00.

YELLOW GLOBE DANVERS. The best paying Onion for general crop, and has been the leading variety for years. It is early and a splendid keeper. Smooth skin, globe shaped with a small neck. A variety which ripens early. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

Cultivation of Onions

The ground should be prepared the previous autumn by plowing or spading deeply, using plenty of well rotted barnyard manure or Pulverized Sheep Manure.

Sow under glass from February 1st to February 25th, and in the open ground as soon after April 1st as possible. The seed is somewhat slow to start, and Onions require the whole season for full development. After sowing, the soil should be pressed down with the back of a spade. When the young plants are strong enough thin out to four inches apart; the rows must be well cultivated, kept clean and free from weeds, and it is a good plan to dust a little Sheep Manure or W. & D.'s Garden and Lawn Fertilizer between the rows before hoeing.

One ounce of seed is sufficient for 100 feet of drill, one packet for ten to twelve feet, and six pounds are necessary per acre. The drills should be one foot or more apart, with the plants thinned so that they do not crowd.

Onion seedlings are fragile, and they occasionally have difficulty in getting through the soil when it is of a binding nature. We recommend that a few grains of French Breakfast Radish (a sturdy grower, 20 cents per ounce) be sown with the Onion to break the soil crust and quickly to mark your row. The radishes may be readily pulled when mature, leaving the onions in possession of the ground.

Allow two quarts of Onion Sets per 100 foot of row. Have your rows one foot or more apart, and plant the sets one inch from each other and covering them with an inch of soil. As the plants grow, remove them here and there for "pulling onions," and leave the balance to stand four inches apart to mature early into large onions. Plant from April 15th to June 1st in the open ground; pulling onions may be had in about thirty days from planting.

The Onion is generally a very profitable crop, and it is advisable to have correct implements and to use the most approved cultural methods. We recommend the purchase of "The New Onion Culture," a very excellent book by Greiner, price 65 cts., postpaid.

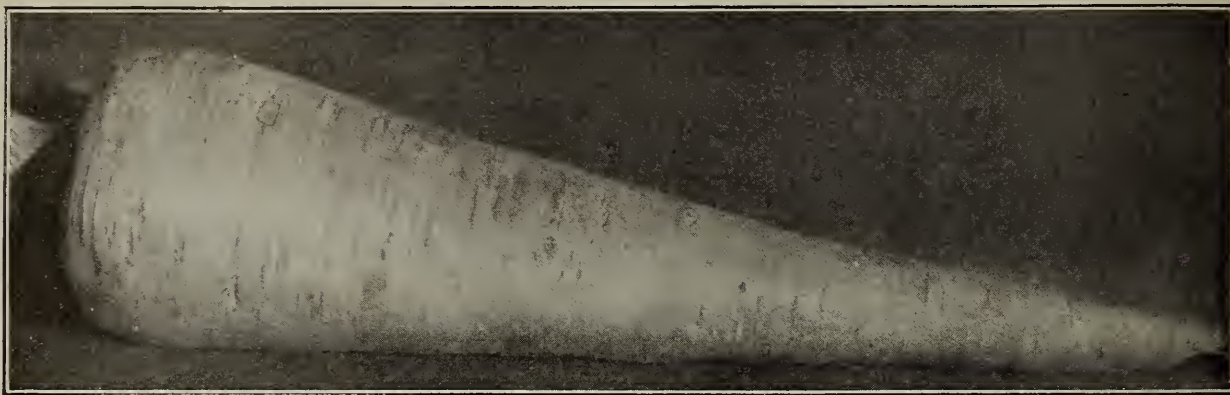


Ask for "Onions and Leeks," one of our "Leaflets which tell you How."



White Globe





PARSNIP

W. & D.'S AMERICAN HOLLOW CROWN

This Parsnip has been saved with the greatest care from roots of the finest form and quality. It is a beautiful pearly white, and from its large size and perfect form it is well fitted for exhibition purposes and is surely the best for the garden. This kind is suited to a variety of soils. It is a very heavy cropper and of most excellent quality, sweet and tender.

THE DON. A splendid long variety, handsome in form, pure white in skin and flesh, and exceedingly firm and solid. Specially recommended for exhibition and market use. A variety of recent introduction and one which we recommend.

EARLY ROUND. Adapted to shallow soils; early and of good flavor.

Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00

Pkt. 10 cts., oz. 30 cts.

Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00

CULTURAL DIRECTIONS

Select deep, rich and rather light soil. Do not use freshly manured land for Parsnips, or the roots will be ill shaped and "Forked." Whatever the character of the soil, deep digging is essential to success. One packet will sow twenty-five feet of drill and one ounce 100 feet. Eight pounds is the allowance per acre. Sow from April 1st to May 31st, the earlier the better, as Parsnips require the whole season for perfect development. They may be used in about 120 days, but are best left in the ground until touched by frost.

Parsnip seedlings are fragile and they occasionally have difficulty in getting through the soil if it is of a binding nature. We recommend that a few grains of French Breakfast Radish (a sturdy grower, 20 cts. per ounce) be sown with the Parsnip to break the soil crust and quickly to mark your row. The Radishes may be pulled readily when mature, leaving the young Parsnips in possession of the ground.

The roots may be stored in cellars or pits, and a supply for spring use may conveniently be left in the ground. For use during winter a very good method is to pack a few roots in some baskets or boxes with soil, leaving them outside and allowing to freeze; these should be kept under cover, and as a supply is wanted a box may be brought in to thaw. The roots are thus improved by the action of frost and are much more valuable. Next to deep preparatory digging, constant use of the hoe is most essential. A good assortment of these will be found on page 117.

Ask for "Beets, Carrots, Turnips and other Root Crops," one of our "Leaflets which tell you How."



Early Round Parsnip

PEPPER

(S) **W. & D.'S SELECTED RUBY KING.** In our opinion the best, as it is one of the most popular, Peppers in cultivation today. It is very handsome in appearance, a brilliant ruby-red, and extra large. The flesh is very thick, sweet and mild.

(S) **LARGE BELL, or BULL NOSE.** A large, early variety and the standard of the scarlet sorts. The plants reach 2 feet in height, produce abundantly, sometimes so heavily laden that the branches are weighed down with the fruit. They bear well until frost. The fruit is about 3 inches long by 2 inches wide. The flesh is thick and very mild, although occasionally some may be a trifle hot.

(S) **CHINESE GIANT.** Large, red fruits, with thick, mild flesh. Fruits four to five inches broad at the tops and the same in length.

(H) **CHERRY RED.** Small, round fruit of a rich, glossy scarlet and extremely piquant.

(H) **CHILI.** Small, red, conical pods about 2 inches long.

(S) **GOLDEN DAWN.** Distinct golden yellow; sweet and of mild flavor.

(H) **LONG RED CAYENNE.** The pods are long and slender and very pungent.

(S) **NEAPOLITAN.** Matures early; bright red fruits of good size; flesh thick and sweet.

(S) **SWEET MOUNTAIN.** Similar to but larger than Bull Nose; very productive.

(S) **SWEET SALAD UPRIGHT.** Handsome, productive and of finest quality; color bright scarlet; flesh thick, mild and very sweet.

PEPPER PLANTS. Bull Nose and Sweet Mountain

Ready from May 15th. Doz. 50 cts.

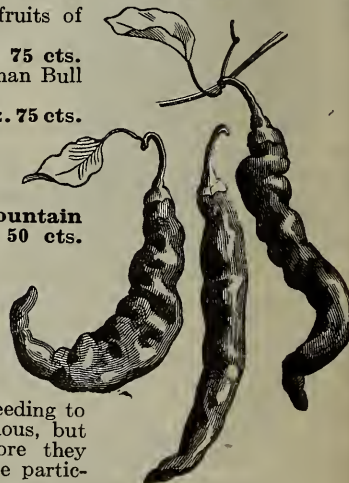
CULTURAL DIRECTIONS

Varieties marked "H" are hot varieties and those marked "S" are sweet. One packet of seed provides enough plants for 100 ft. of row. The truck gardener allows ¼ lb. of seed per acre. Sow from March 1st to April 1st in the hotbed, greenhouse or sitting room. When danger of frost is over, transplant about 2½ feet each way according to variety. 120 days from seeding to maturity is a fair estimate. It may appear superfluous, but all the above varieties are "Green Peppers" before they ripen. Large Bell or Bull Nose and Ruby King are particularly fine when young.

Ask for "Tobacco, Egg Plant, Okra and Pepper," one of our "Leaflets which tell you How."



W. & D.'s Ruby King Pepper



Long Red Cayenne Pepper

W. & D.'s "ALL SEASON" COLLECTIONS OF PEAS

Green Peas from June to late in August. Fresh from Your Garden to Your Table

Most Amateurs, when looking through seed catalogs, find some difficulty in selecting the best varieties for a successional crop. We have, therefore, arranged on this page a collection which will give a continuous supply of Peas throughout the season. Sow all varieties in Spring, as soon as the ground can be worked.

This is of vital importance, inasmuch as Peas, to do their best, should get well established during the cool days in April, when the soil is cool and moist. It must be remembered that garden Peas grow well only during comparatively cool weather, though if thoroughly rooted they may produce good crops until August 1st.

For the latest sowings we recommend Little Marvel or Alaska.

NEW YORK MARKET

Should be ready for use in about 70 days from sowing. The pods are deep green and produced in immense quantities. Height $2\frac{1}{2}$ feet.

Pkt. 10 cts., pt. 40 cts., qt. 75 cts., $\frac{1}{2}$ pk. \$2.75, pk. \$5.25.

*GRADUS, or PROSPERITY

Ready in 75 days. The earliest large-podded Pea; the four inch pods contain from six to eight peas of enormous size and excellent quality. Height $2\frac{1}{2}$ feet.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., $\frac{1}{2}$ pk. \$3.00, pk. \$6.00.

*LITTLE MARVEL

Ready in 80 days. A large-podded dwarf Pea of exceptional merit, is one of the heaviest-cropping varieties yet sent out; six to seven Peas of a rich deep color, large size and exquisite flavor, to a pod. Height $1\frac{1}{4}$ feet.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., $\frac{1}{2}$ pk. \$3.00, pk. \$6.00.

Heroine

*HEROINE

Ready in 85 days. An extremely prolific medium-late variety of sturdy growth and luxuriant foliage. The pods are long-pointed and lightly curved. Height $2\frac{1}{2}$ feet.

Pkt. 10 cts., pt. 35 cts., qt. 65 cts., $\frac{1}{2}$ pk. \$2.50, pk. \$5.00.

*TELEPHONE

Ready in 90 days. Unequaled as a main-crop variety, and a great bearer, with long, straight, broad pods, medium green in color and very handsome. The peas are of unusually large size and excellent quality. Height 4 feet.

Pkt. 10 cts., pt. 35 cts., qt. 60 cts., $\frac{1}{2}$ pk. \$2.30, pk. \$4.50.

*CHAMPION OF ENGLAND

Ready in 95 days, later than Telephone. An extremely prolific late variety of sturdy growth and luxuriant foliage. The pods are large and the peas tender and sweet. Height $5\frac{1}{2}$ ft.

Pkt. 10 cts., pt. 35 cts., qt. 60 cts., $\frac{1}{2}$ pk. \$2.30, pk. \$4.50.

1 Pkt. each of 6 Above Varieties; for 175 feet of drill, \$0.70, mailed free.

1 Pint each of 6 Above Varieties; for 375 feet of drill, \$2.25, Purchaser pays transportation.

1 Quart each of 6 Above Varieties; for 750 feet of drill, \$4.00. Purchaser pays transportation.

Messrs. Weeber & Don, 114 Chambers St., New York.

Dear Sirs: The vegetable seeds we received from you last February have produced such phenomenal crops that I am sure you will be satisfied to learn of them. The Peas especially have borne continuously since the first, even the first planting still yielding.

Am sending, under separate cover, two photos of the "American Champion," which attained a height of over 7 feet.

Sincerely yours,

Mrs. F. B. Clark.

Garden City, N. Y.



*W. & D.'s GRADUS or PROSPERITY PEAS

Largest, Sweetest, Earliest and One of the Finest Flavored Peas Grown. A Great Producer

For one who is trying to get exceptionally good Peas very early, we cannot recommend this variety too highly. It is positively the earliest and largest Pea grown. Ordinarily, the early varieties are small podded, but our Prosperity Pea is both early, large and of fine flavor.

To have such remarkably fine peas on the table so early in the season is something every grower will be proud of.

The pods are of immense size and contain about 8 or 10 peas of great size and of excellent flavor. The pods are borne in great profusion on the vines. These are about three feet high and of a pale green color.

As the vines of this variety are single-stemmed, Prosperity Peas should be planted thicker than other large-podded varieties. This characteristic allows of more vines to the row and accounts for the abundant crop.

Our strain, due to careful selection year after year, gives uniform sized pods and a large crop.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., $\frac{1}{2}$ pk. \$3.00, pk. \$6.00.

OTHER EARLY VARIETIES

ALASKA. This is a standard variety, that for hardiness, earliness and general utility is hard to beat. Very popular with market gardeners and canners. Foliage and pods are light green, the pods are $2\frac{1}{2}$ in. long, round, straight and square ended, containing six light green peas. Height $2\frac{1}{2}$ feet.

Pkt. 10 cts., pt. 35 cts., qt. 60 cts., $\frac{1}{2}$ pk. \$2.30, pk. \$4.50.

NEW YORK MARKET. Very early, smooth white Pea. Height $2\frac{1}{2}$ feet.

Pkt. 10 cts., pt. 40 cts., qt. 75 cts., $\frac{1}{2}$ pk. \$2.75, pk. \$5.25.

FIRST AND BEST. Vigorous and productive. Height $2\frac{1}{2}$ feet. Pkt. 15 cts., pt. 45 cts., qt. 80 cts., $\frac{1}{2}$ pk. \$3.00, pk. \$5.50.

***SUTTON'S EXCELSIOR.** Large podded, prolific variety of exceptional merit. Height $1\frac{1}{2}$ feet.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., $\frac{1}{2}$ pk. \$3.00, pk. \$5.50.

***THOMAS LAXTON.** A very fine early Pea of exquisite flavor; the $3\frac{1}{4}$ in. pods are straight and square, filled with seven or eight large, tender peas; very prolific and a strong grower. Height $2\frac{1}{2}$ feet.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., $\frac{1}{2}$ pk. \$3.00, pk. \$5.50.

***AMERICAN WONDER.** A well known and popular dwarf early variety; very productive. Height 1 foot.

Pkt. 10 cts., pt. 30 cts., qt. 60 cts., $\frac{1}{2}$ pk. \$2.25, pk. \$4.25.

***PREMIUM GEM.** Of American Wonder type, but more prolific. Foliage dark green; pods light green 3 ins., round, square ended and well filled with six to eight light green peas of good quality. Height about $1\frac{1}{2}$ feet.

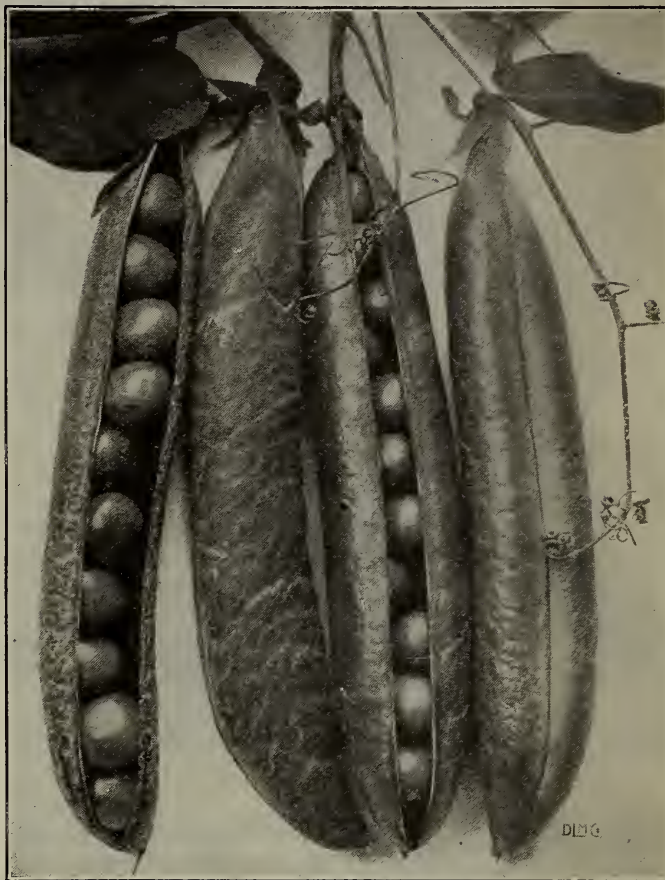
Pkt. 10 cts., pt. 30 cts., qt. 60 cts., $\frac{1}{2}$ pk. \$2.25, pk. \$4.25.

***LAXTONIAN.** Dwarf, early; unequalled for vigor and flavor. Height $1\frac{1}{2}$ feet.

Pkt. 15 cts., pt. 50 cts., qt. 90 cts., $\frac{1}{2}$ pk. \$3.50, pk. \$6.50.

SMALL EARLY FRENCH (PETIT POIS). Peas are small, tender and delicious. Height $2\frac{1}{2}$ feet.

Pkt. 10 cts., pt. 30 cts., qt. 60 cts., $\frac{1}{2}$ pk. \$2.25, pk. \$4.25.



W. & D.'s Early Pilot—A round Pea with pods of the Gradus type

W. & D.'S EARLY PILOT. The best round blue-seeded variety, producing pods of the Gradus type, but hardier and more prolific. Foliage medium green, pods a shade darker, peas dark green. Pods $3\frac{3}{4}$ ins., containing 6 to 7 peas. Height $2\frac{1}{2}$ feet.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., $\frac{1}{2}$ pk. \$3.00, pk. \$6.00.

***MELTING MARROW.** A splendid dwarf marrow Pea; one that has come to stay. The large pods are filled with peas of excellent quality and of perfect flavor. Height $1\frac{1}{2}$ feet.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., 4 qts. \$3.00, pk. \$5.50.

***LITTLE MARVEL.** One of the best Peas in cultivation to day. The pods are larger than those of Nott's Excelsior, and they are filled with six or seven large peas, regular in size and shape, and of remarkably fine quality. Recommended unhesitatingly as the best for amateur, private gardener and market grower.

Pkt. 15 cts., pt. 45 cts., qt. 80 cts., $\frac{1}{2}$ pk. \$3.00, pk. \$6.00.

CULTURAL DIRECTIONS

Select deep, strong soil; one that is retentive of moisture, yet is well drained. One packet will sow 12 feet, one quart will be sufficient for 100 feet of row and 3 bushels is the market grower's allowance per acre. Dwarf sorts, which are preferable for the Amateur, may be in single or double rows $1\frac{1}{2}$ feet apart, while taller kinds should be at least four. It is better, however, to plant these in single rows here and there through the garden to economize space and where they will not unduly shade adjoining crops. 24 to 30 inches may then be the maximum distance between the Peas and the next vegetables. Two or three inches at least must be allowed between the plants in a row. Sow round sorts from April 1st onwards and wrinkled sorts from April 15th onwards and thereafter at seven day intervals until May 25th. Early sowings, however, enabling the Peas to make good root growth during the cool weather, are essential for successful results. Sixty days is about the minimum time taken by early Peas to be ready for picking from seed. Varieties marked with an asterisk (*) are wrinkled.

United States Food Administration License No. G-15984



Ask for "Peas for Garden and Field," one of our "Leaflets which tell you How."

W. & D.'S Notts Excelsior Peas

Dwarf wrinkled variety (Height 15 inches) Early—Big cropper, extra fine quality. This is a splendid dwarf variety that grows about 15 inches high. Not only is it an enormous cropper, producing a multitude of pods, closely filled with fine wrinkled peas, but the flavor of the peas is sweet and delicious. The vines grow vigorously and are very hardy. This Pea is very easily grown and on account of this and its excellent quality has always been a general favorite. In small gardens, especially, it finds a place, being sown exclusively and successively for a continuous crop. It seems quite remarkable that so small a vine should produce such a crop of peas of such wonderful flavor. If your garden is small, you can select no better Pea for early or medium crop than this grand variety. Our selection of seed has been very carefully made.

Pkt. 10 cts., pt. 35 cts., qt. 60 cts., ½ pk. \$2.25, pk. \$4.25.

Second Early Peas

***ADVANCER.** An excellent standard sort. Height 2½ feet.

Pkt. 10 cts., pt. 30c., qt. 60 cts., ½ pk. \$2.25, pk. \$4.25.

***DWARF CHAMPION.** Hardy, robust and a vigorous grower, dark green pods 4 in. long, straight, broad and square ended, containing seven to eight large, medium dark green, peas. The best midseason Pea. Height 2½ feet.

Pkt. 10 cts., pt. 30 cts., qt. 60 cts., ½ pk. \$2.25, pk. \$4.25.

***DWARF TELEPHONE, or DAISY.** Four inch, pointed broad pods containing nine fine peas. Exquisite flavor. Height 2 feet.

Pkt. 15 cts., pt. 40 cts., qt. 75 cts., ½ pk. \$2.75, pk. \$5.25.

***DUKE OF YORK.** Of robust habit, the pods closely filled with peas of superb flavor. Height 4 ft.

Pkt. 10 cts., pt. 35 cts., qt. 65 cts., ½ pk. \$2.50, pk. \$5.00

Late or Main Crop Peas

***AMERICAN CHAMPION.** One of the finest of all the late Marrow-

fat Peas. In habit it is stronger and more branching than Telephone, producing an enormous weight of very large, handsome, well-filled pods, containing peas of the finest quality and excellent flavor. Height about 5 feet.

Pkt. 10 cts., pt. 35 cts., qt. 60 cts., ½ pk. \$2.30, pk. \$4.50.

***CHAMPION OF ENGLAND.** An old standard variety and one of the most popular late sorts. The pods are large, and the peas tender and sweet. A hardy and robust grower. Height about 5½ feet.

Pkt. 10 cts., pt. 35 cts., qt. 60 cts., ½ pk. \$2.30, pk. \$4.50.

HARVESTER. Productive and of exquisite flavor. The large, dark green pods are borne in pairs. Height 2 feet.

Pkt. 10 cts., pt. 35 cts., qt. 65 cts., ½ pk. \$2.50, pk. \$5.00.

***HEROINE.** A medium-late sort with curved and pointed pods: the peas are large and of fine quality. Height 2½ feet.

Pkt. 10 cts., pt. 35 cts., qt. 65 cts., ½ pk. \$2.50, pk. \$5.00.

***POTLATCH.** A large-podded variety which is very productive and of excellent quality. The long pods are rich, dark green, often measuring 5 inches or more, compactly filled with enormous peas of fine flavor and the highest quality. The vine is sturdy and strong in growth and the pods are borne in pairs; it is a wonder in productiveness and will surely please all who try it. Height about 2 feet.

Pkt. 10 cts., pt. 40 cts., qt. 75 cts., ½ pk. \$2.50, pk. \$5.00.

***STRATAGEM.** An excellent Pea, with sturdy vines; vigorous and productive. The pods are extra large and are always well filled, frequently containing ten exceedingly tender peas of fine flavor; a desirable sort for home or market. Height 2 feet.

Pkt. 10 cts., pt. 35 cts., qt. 60 cts., ½ pk. \$2.30, pk. \$4.50.

***TELEPHONE.** The fine large peas, eight of them, are contained in 4½ in. pods which are straight, broad and pointed. Very productive. Height 4 ft.

Pkt. 10 cts., pt. 35 cts., qt. 60 cts., ½ pk. \$2.30, pk. \$4.50.

***QUITE CONTENT.** A giant-podded variety; pods longer and larger than any other pea in cultivation; pronounced by leading experts to be, without doubt, the largest-podded pea ever seen. It is exceedingly prolific and of the finest quality. The pods hang mostly in pairs. Height. 5 to 6 feet. Pkt. 15 cts., pt. 40 cts., qt. 75 cts., ½ pk. \$2.75, pk. \$5.00.

Sugar or Edible-Podded Peas

These are grown for their pods, which are pulled when the seeds begin to ripen, and used in the same manner as string beans.

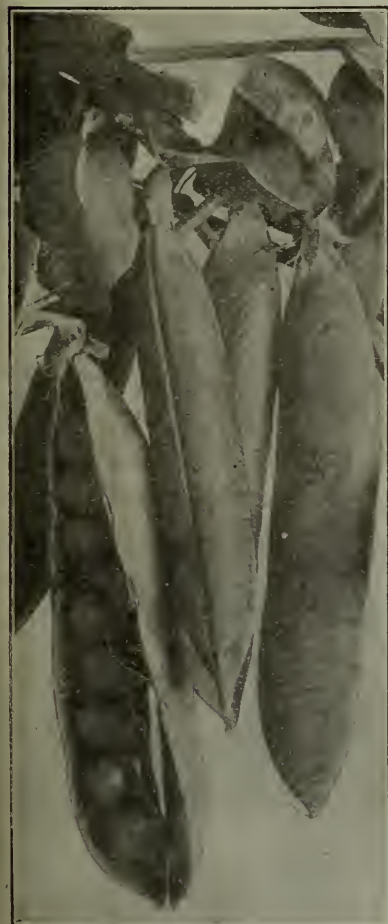
DWARF. Requires no support.....Pt. 25 cts., qt. 40 cts.

TALL. Needs training on brush or trellis.....Pt. 25 cts., qt. 40 cts.

COWPEAS. See Farm Seeds.



Notts Excelsior



Telephone

REFER TO PAGES 44, 45 AND 46 FOR CONCISE PLANTING INFORMATION.

SEED POTATOES

The prices quoted are based on present market conditions; we reserve the right to change them if the situation demands it.

W. & D.'s SELECT GREEN MOUNTAIN POTATO

For an all-around crop of Potatoes, Green Mountain is the one safe variety to plant. It is medium late and is rapidly increasing in popularity everywhere. In fact, in some localities it has superseded all other main crop varieties because of its reliability. All soils and all sections seem to suit Green Mountain. The vines are strong, healthy, and yield an enormous crop of evenly shaped potatoes, flattish oval in shape. The eyes are shallow, and the flesh is white, cooking dry and mealy. The flavor is delicious in whatever manner the tubers are served. As an exhibition variety it is unexcelled. (See illustration).

Peck \$1.50, Bus. \$5.00, Sack \$10.00.

EARLY VARIETIES

BEAUTY OF HEBRON. Of the Early Rose type, but decidedly more productive. Potatoes are very large, with light pink skin; flesh is white and cooks very mealy. Very vigorous and productive in growth. Peck \$1.75, Bus. \$5.50, Sack \$11.00.

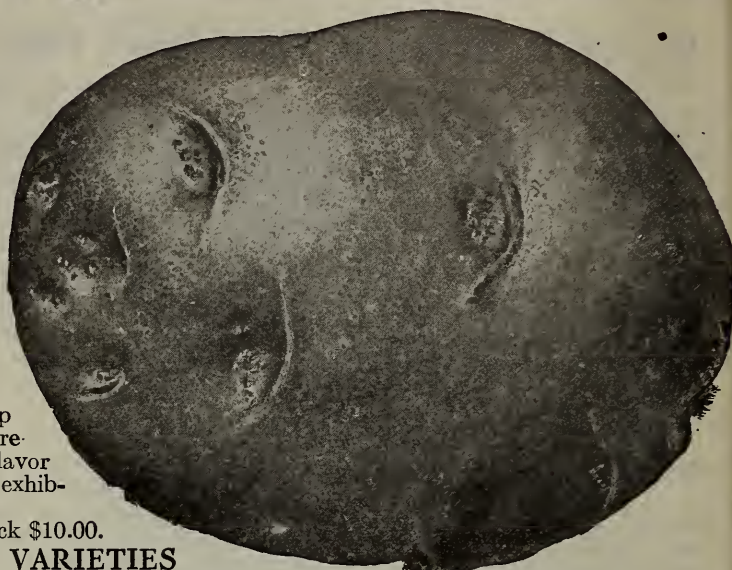
BOVEE. This variety, in competitive trials, has outyielded all other sorts. It is a vigorous grower and excellent keeper. Peck \$1.75, Bus. \$5.50, Sack \$11.00.

EARLY PURITAN. A distinct and valuable early variety. The tubers are of roundish oval form with smooth white skin. The flesh is pure white and of extra fine quality, cooking dry and floury. Peck \$1.75, Bus. \$5.50, Sack \$11.00.

CARMAN NO. 1. Uniform in shape and an immense yielder. Its cooking qualities are of a high order. Peck \$1.75, Bus. \$5.50, Sack \$11.00.

GOLD COIN. A splendid main-crop variety of remarkable productiveness and finest table quality. Slightly oblong in shape, skin light golden, flesh pure white. Peck \$1.75, Bus. \$5.50, Sack \$11.00.

LATE ROSE. One of the best varieties for main crop. Handsome in appearance and keeps well. Peck \$1.50, Bus. \$5.00, Sack \$10.00.



EARLY OHIO. A seedling of Early Rose; tubers round; very early. Peck \$1.50, Bus. \$5.00, Sack \$10.00.

EARLY ROSE. A splendid variety; early, productive and of excellent quality. Peck \$1.50, Bus. \$5.00, Sack \$10.00.

IRISH COBBLER. One of the best extra-early varieties; very large, white and a heavy cropper; of excellent quality. Is a splendid keeper, and very mealy when cooked. Peck \$1.50, Bus. \$5.00, Sack \$10.00.

NOROTON BEAUTY. An early, heavy-cropping variety, with round handsome tubers. Peck \$1.75, Bus. \$5.50, Sack \$11.00.

MEDIUM AND LATE VARIETIES

RURAL NEW YORKER. Large and smooth variety of excellent quality, white skin and flesh. Peck \$1.50, Bus. \$5.00, Sack \$10.00.

SIR WALTER RALEIGH. Very large and handsome variety; flesh white and mealy. An enormous cropper. Peck \$1.75, Bus. \$5.50, Sack \$11.00.

UNCLE SAM. The tubers of this excellent main-crop Potato are oval in form, with pure white flesh, russet skin and shallow eyes. An enormous cropper and of excellent quality. Peck \$1.50, Bus. \$5.00, Sack \$10.00.

We supply by the peck, bus. of 60 lbs. and large sack or barrel of 165 lbs.

CULTURAL DIRECTIONS

A deep, mellow loam, rich in humus, furnishes ideal conditions for growing Potatoes, but good crops are raised on both heavier and lighter types of soil. Twelve bushels are usually allowed to the acre, but where the tubers are carefully cut to only one or two eyes, eight will suffice; one-half to one peck will plant one hundred feet of row, and the rows may conveniently be two and a half feet apart, and the tubers or sets placed four inches deep and one foot apart in the row. Plant from April 15th to June 15th; the usual time taken to produce the crop is one hundred and thirty days; the vines die down when the tubers are fit to dig. 150 bushels are a fair return for a one acre patch, although much higher yields are often obtained. Before planting, steep the sets for two hours in a solution of formalin, eight ounces to fifteen gallons of water to prevent disease and fungus attacks.

Hoe at intervals of a week or ten days, gradually throwing earth up and around the stalks after the potatoes are a foot high; it is a good plan to dust the soil lightly with W. & D.'s Garden and Lawn Fertilizer before doing this. Spray with "Pyrox" for the potato bug and the flea beetle, and to counteract any tendency to fungus diseases.

Ask for "Potatoes and Sweet Potatoes," one of our "Leaflets which tell you How"

SWEET POTATO PLANTS

Rooted slips ready in May. The young plants should be set in May in hills about 3 feet apart and 5 inches above the ground level. A light soil and sunny location are preferable.

YELLOW NANSEMOND. Early; productive; the best for general culture. 75 cts. per 100.

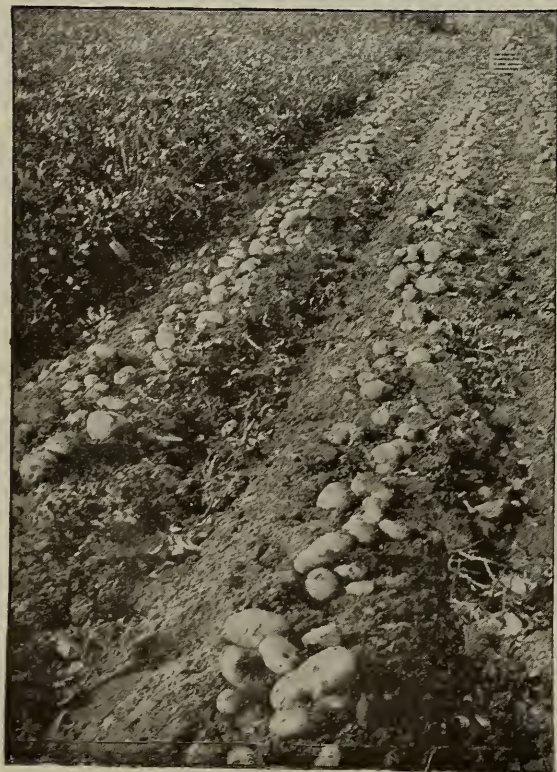
Potatoes from True Seed

Recommended only for experimental purposes when new varieties are required

These rare and curious seeds—from "Seed Balls"—will produce white, yellow, pink, red, blue, purple, variegated and black Potatoes. Often 50 to 200 in a hill. Of shapes, types, and qualities innumerable. Early medium and late sorts, strange freaks, etc., etc. All valuable new potatoes are produced from just such seeds. Pkt. 15 cts.



Potato Seed Balls—One-third Size



A Fine Crop of Irish Cobbler

PUMPKIN W. & D.'S SMALL SUGAR

Unsurpassed for Family Use

Somebody said that we must have planted sugar in the hills to produce such a sweet pumpkin as our Small Sugar. The fruit is about ten inches in diameter—a great advantage for small families where one Pumpkin is sufficient at a time. The fruit is oval-shaped, flattened at each end, and the skin is a beautiful deep orange; the flesh very finely grained and of close texture. The vines are strong, and they produce an enormous number of fruits. In addition to its valuable qualities, we have found it to be an exceptionally good keeper, provided it is taken in before severe frosts and kept in a cool, dry place.

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

OTHER VARIETIES

CONNECTICUT FIELD. A large, round or slightly oval-shaped pumpkin; skin reddish orange-color with rich orange-yellow flesh; very hardy and a heavy cropper.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

JUMBO, or MAMMOTH. Grows to an enormous size. Salmon-orange skin; very thick, bright yellow flesh, fine-grained, tender and excellent for pies.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50

LARGE CHEESE. One of the most popular varieties for general use. The fruit is large, round and flattened. The skin is a beautiful buff color, and the flesh is yellow, tender and has a wonderfully fine flavor. It keeps splendidly when stored in a garret or other dry place where it will not freeze. Growers for exhibition frequently use this variety for show purposes. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$2.00.

CULTURAL SUGGESTIONS

Medium or medium-light soil generally gives best results, and it pays to incorporate a few handfuls of Pulverized Sheep Manure with the soil of each hill before sowing. They may be grown alone in hills eight feet apart each way, or the common practice may be followed of sowing a few seeds here and there when planting out either Sweet or Field Corn. Four to six pounds is the allowance of seed per acre, one ounce will sow from twenty-five to fifty hills, according to the variety, some sorts yielding very much larger seeds than others, and one packet will plant about eight hills. Being tender subjects, Pumpkins are not sown until after May 15th in the neighborhood of New York.

Pumpkins are exceedingly useful in the small garden for covering an unsightly compost heap or paling fence, the vines running over them freely. No more than two plants should be allowed per hill, but do not thin to this number until the plants have started to grow freely and obviously are healthy. The chief enemy is the Squash Bug, and to combat it we suggest (a) that you sow a few grains of radish seed with the Pumpkins in each hill, (b) the plants be sprayed every week with Pyrox, commencing when they are in their third leaf, and (c) that every runner be "anchored" down to the soil with a spadeful of earth every six feet to induce the formation of stem roots.

About 110 days from seed are occupied in the production of ripe fruits, and these fruits will keep several weeks if they are gathered before frost and stored in a dry, warm room. Pumpkins, however, are not such satisfactory keepers as Winter Squash.



Ask for "Vine Plants," one of our "Leaflets which tell you How."

RHUBARB, or PIE PLANT ROOTS

Fine roots for setting out can be grown from seed in a single season, but, while this is the cheaper way, it is often preferred to set out well-grown roots. Our varieties are extra fine, being rapid growers.

VICTORIA. Strong clumps, 15 cts. each, \$1.50 per doz.; extra-strong clumps, 25 cts. each, \$2.50 per doz.

STRAWBERRY. In quality this rhubarb is simply superb, fully equal in flavor to the finest berries; makes a beautiful crimson sauce. It is the earliest variety grown and is unsurpassed for making sauce and pies. Strong clumps, 25 cts. each, \$2.50 per doz.



Victoria Rhubarb

RHUBARB SEED

VICTORIA. The most popular variety; stalks red, very thick, long and of excellent quality; leaves dark, glossy green.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

ST. MARTINS. Earlier than Victoria; stalks red; of excellent quality.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

One ounce will produce 1,000 plants.

CUTURAL SUGGESTIONS

The soil cannot be too rich for Rhubarb. A dozen hills will generally be enough for an average family. Sow seed in April in drills 18 inches apart, covering about $\frac{3}{4}$ inch; when plants are well up, thin to 6 inches. In the Fall or following Spring, transplant the roots 3 feet apart each way. Do not pull any of the stems for use the first year, but always remove the seed shoots as fast as formed. For forcing during the Winter, treat in the same manner as Asparagus.



Ask for "Horse Radish, Rhubarb, etc.," one of our "Leaflets which tell you How."

RADISH

EARLY ROUND SORTS

W. & D.'s EARLY SCARLET TURNIP

This is no doubt the most popular variety of all radishes for private gardens. It is prized for its quick growth as well as for its tenderness and crispness. In every way it is very satisfactory. It is ready for use in about 25 days after sowing, and remains crisp when other sorts have passed. The flavor is mild and is delightful at all times. It is shaped like a turnip, and the roots are of medium size.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$2.00.

EARLY WHITE TURNIP. Pure white, with crisp, tender, fine-flavored flesh; fine for early use.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$2.00.

TRIUMPH, EARLY (Speckled Beauty). The color is pure white, beautifully speckled and mottled with deep crimson. In addition to its excellent quality, the beauty of its colors makes a charming effect for the table.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

WHITE-TIPPED SCARLET TURNIP. Size medium; early and of delicate flavor. One of the best.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$2.00.



W. & D.'s Early Scarlet Turnip

THREE SPLENDID FORCING RADISHES

W. & D.'s EARLIEST CARMINE

FORCING. The earliest variety in cultivation; deep scarlet; turnip shaped; very small top; flesh tender, crisp, white and of the most excellent flavor. A most valuable sort for forcing or general sowing.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

EARLY SCARLET GLOBE FORCING. A variety of distinct oval shape and brilliant color; short-leaved.

Pkt. 5 cts., oz.

20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.25.

NON PLUS ULTRA FORCING. Round; deep scarlet; crisp and tender; short-leaved.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.



W. & D.'s Earliest Carmine Forcing

HALF LONG OR OVAL SHAPED VARIETIES

W. & D.'s ROCKET OR OLIVE SHAPED RADISHES

These are by far the very best of the early radishes. They are ready for the table thirty days after sowing. They are oval or olive-shaped, smooth, crisp and mild. Three sorts. (See cut.)

RED ROCKET, WHITE ROCKET, RED WITH WHITE TIP ROCKET.

Each pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

FRENCH BREAKFAST. The upper two-thirds of bright carmine, and the lower one-third of clear white, make a contrast that is pleasing to a degree. Add to this the refined crispness of the flesh and its mild and pleasing flavor, and you have the ideal early radish. May be used for summer sowing or

for forcing. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

EARLY LONG ROOTED SORTS

ICICLE. This long radish is unique on account of its transparent whiteness. It is exceptionally attractive because of this, and is the earliest of all the long radishes. It grows about 4 inches long and the flesh is very crisp, tender and of excellent flavor. (See cut.)

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

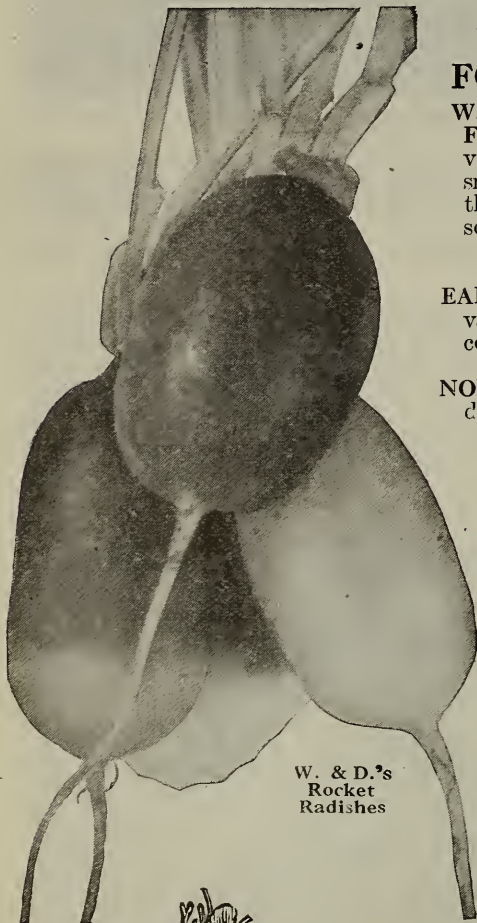
LONG SCARLET SHORT-TOP. Very long and crisp; valuable for open ground. (See cut next page)

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$2.00.

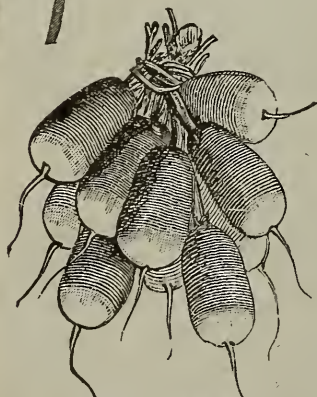
WHITE VIENNA, or LADY FINGER. Beautiful shape; color white; crisp, brittle and of rapid growth.

Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$2.00.

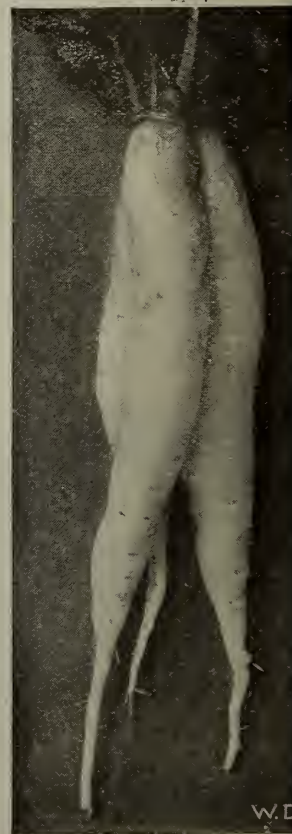
Refer to pages 44, 45 and 46 for concise cultural information.



W. & D.'s Rocket Radishes



French Breakfast



The Icicle Radish

RADISH—Larger Rooted Summer Varieties

GIANT WHITE STUTTGART. Very large, pure white sort; firm, crisp, juicy; does not get pithy. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

GOLDEN YELLOW OLIVE-SHAPED. An early forcing or Summer Radish. Flesh white, tender and crisp; bright yellow skin. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

WHITE SUMMER TURNIP. Excellent for Summer use. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$2.00.

RADISH—Keeping or Winter Varieties

LONG BLACK SPANISH. One of the hardest and best for Winter use; one of the most popular Winter Radishes. Can be stored for Winter like Turnips.

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50.

ROUND BLACK SPANISH. Fine for Winter.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

ROSE CHINA WINTER. Bright rose color.

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50.

HALF LONG BLACK AUTUMN. Desirable for late Summer and Fall use. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

CULTURAL DIRECTIONS FOR RADISHES

Radishes require a light, loamy soil, moderately fertile, which should be deeply dug and well pulverized. The situation should be warm and sheltered. For an early supply, sow $\frac{1}{2}$ inch deep in January or February in hotbeds, keeping well ventilated. In April they may be sown out of doors in drills 12 to 18 inches apart. Thin to 1 to 3 inches apart according to variety. Successive sowings should be made every two weeks.

One ounce will sow 50 feet of drill.

Ask for "Beets, Carrots, Turnip, Radish, and other Root Crops," one of our "Leaflets which tell you How."

SALSIFY, or OYSTER PLANT

A very delicate and nutritious esculent, especially esteemed for its peculiar oyster flavor. Sow the seed from April 1st to May 15th in drills 18 inches apart and 1 inch deep, thinning out the young plants to 6 inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring. (See illustration at foot of page.)

MAMMOTH SANDWICH ISLAND. Tender and delicious; very superior to any other.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

SCORZONERA (Black Oyster Plant)

One ounce will sow 50 feet of drill

A very wholesome and agreeable vegetable, cultivated like Salsify, which it closely resembles. The roots should not be scraped, but simply washed, boiled tender, then peeled and served like Asparagus.

Pkt. 10 cts., oz. 50 cts.

Both Salsify and Scorzonera are dealt with in "Beets, Carrots, etc.," one of our "Leaflets which tell you How." Ask for it.

SORREL

One ounce will sow 100 feet of drill

This plant is considered valuable for its acid properties; mixed with salads, it imparts an agreeable and refreshing flavor. Sow after Apr. 1st in shallow drills 18 inches apart, and thin out the young plants to 4 inches.

LARGE-LEAVED FRENCH. The best variety, with large, tender leaves. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.,

Ask for "Little Grown Vegetables," one of our "Leaflets which tell you How."

SWISS CHARD

See under Beets page 12.

SEA KALE

Cultivated for its blanched shoots, which are cooked the same as Asparagus. They have a very agreeable, nutty flavor, with a slight bitterness. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

Ask for "Little Grown Vegetables," one of our "Leaflets which tell you How."

TOBACCO

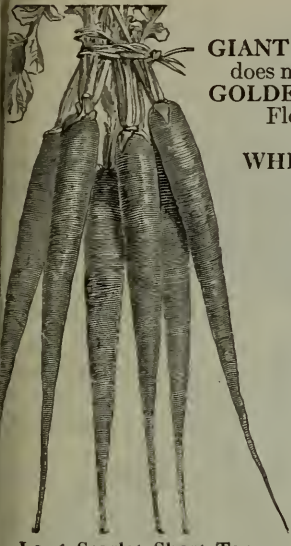
Sow seed for plants early in spring, under glass, or as soon as danger of frost is over, in an outdoor seed-bed, using soil well enriched with wood-ashes, etc. Transplant to open ground when the weather has become warm and settled, in hills 2 to 3 feet apart each way, and cultivate as for Corn.

CONNECTICUT SEED LEAF. One of the best varieties for cigar wrappers. The leaves are of good width and length, and grow closely on the stalk.

HAVANA. The seed we offer is from the celebrated plantations of the Vuelto de Abajo, and is the finest-flavored Havana tobacco grown.

Ask for "Tobacco, Egg Plant, etc." one of our "Leaflets which tell you How."

Forcing roots offered on page 43



Long Scarlet Short Top

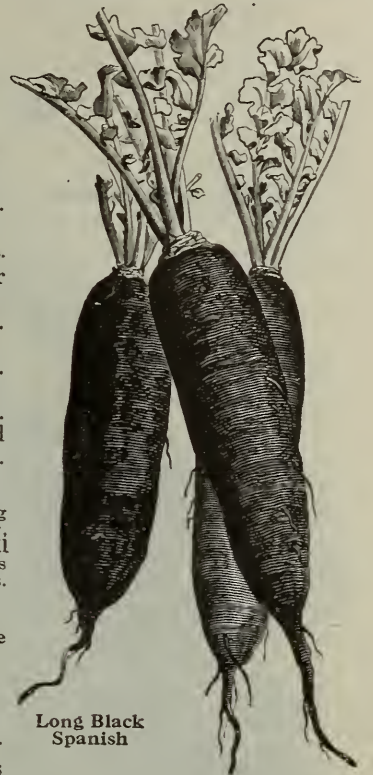
Radishes to be crisp and tender should make a rapid growth.



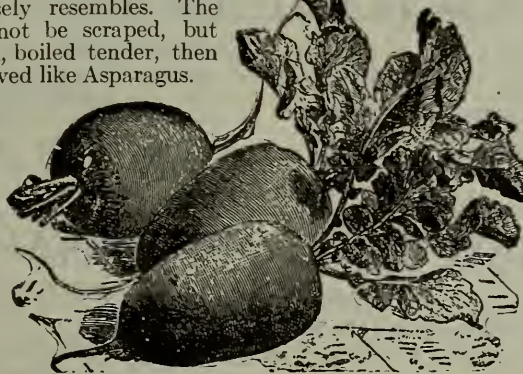
Scorzonera



Sea Kale



Long Black Spanish



Golden Yellow Olive-Shaped Radish



Salsify

SPINACH

W. & D's IMPROVED LONG SEASON

A VERY PROLIFIC SORT

A really distinct variety, not only in its appearance but in its habit of growth. The plant is extremely compact, forming a dense "heart" of leaves in the centre. The older leaves are very thick, of great substance, and remain tender almost indefinitely. There is none that will resist the heat of Summer so well, and it is admirably adapted for an all-season sort.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50.



W. & D's Long Season Spinach

BLOOMSDALE SAVOY LEAVED. Valuable chiefly on account of its rapid growth. The Spring crop should be sown as soon as the ground can be worked so that the crop can be used before the advent of hot weather. It is not a good sort for Summer, but is the best of all to sow from mid-August to mid-September for a fall crop. The plant is compact, the leaves dark green and densely crumpled.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

LARGE THICK-LEAVED VIROFLAY. An improved strain, with round leaves.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

LONG-STANDING. A popular standard Summer Spinach; having large, blunt-pointed leaves of fine quality. It is slow to run to seed and is a fine variety for general use.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50.

ROUND-LEAVED. An excellent, vigorous and hardy sort, suitable for Spring or Fall sowing.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

VICTORIA. Distinguished by its dark green, glazed leaves, which spread out flat upon the ground; remains a long time in prime condition and is used successfully for a Summer crop.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

TO SOW IN FALL FOR SPRING USE

PRICKLY or WINTER. One of the very hardiest sorts, useful not only for Spring and Fall, but of great value to winter over if sown about Sept. 1st. It begins to grow as soon as the frost has gone, and makes one of the first vegetables of Spring.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

LARGE THICK LEAVED. A very large and handsome variety. The leaves, as the name implies, are thick and succulent. It is probably the best of all for a Fall crop, while none surpasses it in its ability to resist the trying weather of our northern Winters.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

NEW ZEALAND SPINACH

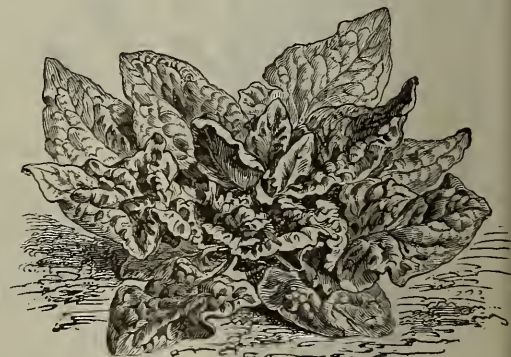
This forms a dense bush about $1\frac{1}{2}$ ft. high., and is truly a perpetual Spinach, for the leaves and tips of the shoots may be plucked continuously throughout the season without lessening the supply. If planted in rows they should be three feet apart, spacing the plants from $1\frac{1}{2}$ to 2 ft. in the row. In tenderness and flavor it is fully equal to true Spinach.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50.

CULTURAL DIRECTIONS

The success of the Spinach crop depends almost entirely on its continuous and rapid growth; hence the soil must be rich in humus and kept in good tilth by thorough preparation and constant cultivation. It grows best in cool weather, from early spring until June 15th, and again from August 15th until frost stops all growth. For the early Spring crop use Bloomsdale Savoy Leaved, follow this with any standard sort. The varieties which do fairly well in Summer are indicated above.

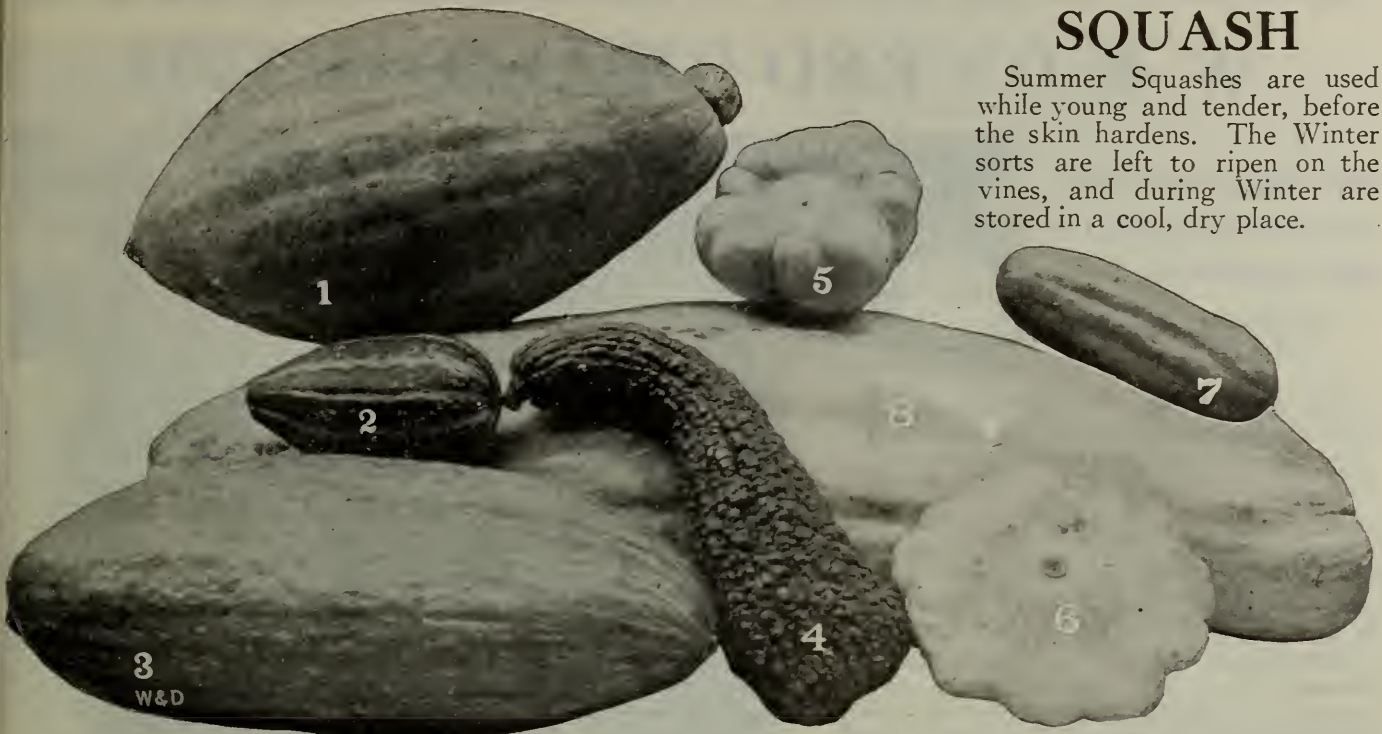
Sow in drills twelve inches apart, covering one to two inches (deeper in Summer, shallower in Spring), and thinning out the plants to three inches; matures in thirty to sixty days according to variety. One ounce will sow one hundred feet of drill.



Long Standing Spinach

SQUASH

Summer Squashes are used while young and tender, before the skin hardens. The Winter sorts are left to ripen on the vines, and during Winter are stored in a cool, dry place.



SUMMER VARIETIES. Plants of Bush Habit.

W. & D.'S GIANT SUMMER CROOKNECK 4. This strain is equally as early as the ordinary Summer Crookneck, while it grows to a much larger size, measures 18 inches to 2 feet long, and its delicious buttery flavor makes it one of the most highly esteemed of Summer Squashes. The flesh is deep, golden yellow, of great substance and most agreeable flavor.

Pkt. 10 cts., oz. 20 cts., 1/4 lb. 60 cts., lb. \$2.00.

COCOZELLA, or ITALIAN VEGETABLE MARROW. The fruits are oblong, 12 inches or more in length, and 4 to 5 inches in diameter; skin dark green, marbled with yellow and with lighter green stripes. The flesh is fine-grained, tender and of excellent flavor.

Pkt. 5 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.25.

GOLDEN CUSTARD 6. The largest and most attractive of its type. The color is a rich golden yellow, the fruits often attaining a diameter of 10 inches. In shape it is rather flat, and deeply scalloped.

Pkt. 5 cts., oz. 20 cts., 1/4 lb. 60 cts., lb. \$2.00.

SUMMER CROOKNECK. A fine Summer variety; early and prolific.

Pkt. 5 cts., oz. 15 cts., 1/4 lb. 50 cts., lb. \$1.50.

VEGETABLE MARROW, LONG WHITE BUSH. Skin greenish yellow; flesh white, soft and of rich flavor.

Pkt. 10 cts., oz. 20 cts., 1/4 lb. 60 cts., lb. \$1.50.

WHITE BUSH SCALLOPED IMPROVED 5. The earliness of this variety has made it a great favorite. It is very prolific. Our strain is carefully selected and produces fruits much larger than ordinary stocks.

Pkt. 5 cts., oz. 15 cts., 1/4 lb., 50 cts. lb. \$1.50.

ONE SUMMER VARIETY OF TRAILING HABIT

VEGETABLE MARROW. The English Squash. Cream color, with white flesh. Pkt. 5 cts., oz. 20 cts., 1/4 lb. 60 cts., lb. \$2.00.

WINTER VARIETIES. Plants of Trailing Habit.

BOSTON MARROW 1. A large, hard-shelled Winter variety, with bright orange skin and deep orange flesh.

Pkt. 5 cts., oz. 15 cts., 1/4 lb. 50 cts., lb. \$1.50.

DELICATA 2. A small-fruited variety, oblong, with orange skin striped with green. Wonderfully prolific.

Pkt. 10 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.25.

EARLY PROLIFIC MARROW. Matures earlier than Boston Marrow and is more prolific; skin orange; flesh yellow and fine grained; keeps well.

Pkt. 5 cts., oz. 15 cts., 1/4 lb. 50 cts., lb. \$1.50.

ESSEX HYBRID. (Winter). Large, round and flattened, with a curious turban-like excrescence at the flower end.

Pkt. 5 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.25.

FORDHOOK 7. Bright yellow skin; flesh straw yellow, very sweet. A late Summer variety.

Pkt. 5 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.25.

GOLDEN HUBBARD. A deep orange yellow; fine grained and sweet.

Pkt. 10 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.25.

MAMMOTH CHILI 3. Grows to an enormous size. The skin is orange yellow and quite smooth; flesh thick, fine grained and sweet.

Pkt. 10 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.50.

MAMMOTH WHALE 8. Jumbo of the Squash family, often weighing 100 lbs.

Pkt. 15 cts., oz. 35 cts., 1/4 lb. \$1.00, lb. \$3.50.

WARTED HUBBARD. Very like our Improved Hubbard, but the skin is more deeply and densely warted. A good variety.

Pkt. 10 cts., oz. 25 cts., 1/4 lb. 75 cts., lb. \$2.50.

W. & D.'S IMPROVED HUBBARD. The well-known Winter Squash, now very popular and extensively grown. The flesh is of a rich yellow, fine grained, dry and sweet. The vines are strong, grow luxuriantly and yield abundantly. It is an excellent keeper. Our strain represents the perfect type.

Pkt. 5 cts., oz. 20 cts., 1/4 lb. 60 cts., lb. \$2.00.

HOW TO GROW SQUASH

Sow in patches ten or twelve seeds at intervals of eight feet each way in the case of trailing varieties, and four feet each way for the bush sorts. These patches are termed "hills."

Five pounds of seed is usual per acre, three ounces will sow one hundred hills, and one packet is enough for eight or ten hills. Handle your mature Winter Squashes carefully, and store for use later in a well ventilated room protected from frost. Squashes are tender, and should not be sown before May 15th, and not later than July 1st. The average time taken from seeding to gathering is sixty days in the case of Summer squash, while Winter sorts take up to 125 days.



Vegetable Marrow

W. & D.'s Improved Hubbard



Ask for "Vine Plants," one of our "Leaflets which tell you How."

W. & D.'s RED IDEAL TOMATO

The Largest, Smoothest
and the Most Solid To-
mato Grown—Best for
the Family Garden



This giant variety has been offered by us for several years and has proven one of the most valuable for table use. If you grow Tomatoes for table use only, this is unquestionably the variety to plant. The fruit is very large, and almost round, making beautiful big slices that will tempt anyone. Then the wonderful color is beautiful to a degree and forms a real decoration to the table whether the slices are by themselves or laid upon lettuce. This variety is practically seedless, and the flavor is unexcelled, being quite free from acidity. Many tomatoes are watery, but not so this variety. Unlike most large sorts it is solid, meaty, and is not inclined to crack. We know of no other variety of its kind that gives such general satisfaction.

Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts.

W. & D.'s GOLDEN IDEAL TOMATO



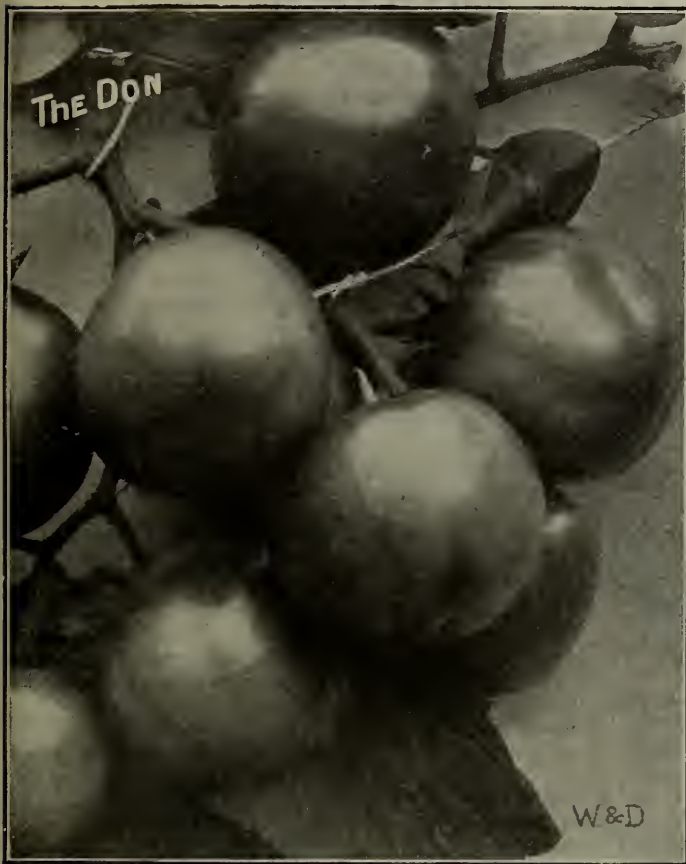
The Largest Yellow Tomato.

Does Not Split

Very Solid. Refined Flavor

This is unquestionably the handsomest yellow tomato grown. It is greatly esteemed by our customers because of the remarkable solidity of the flesh, its meatiness and delicious flavor. The vines are robust. The fruit is large, round, smooth and even in shape. Another advantage of this large variety is the fact that the fruit does not split. The color is a beautiful bright golden yellow. When sliced these tomatoes make a most pleasing dish. Customers are surprised at the remarkable crops of tomatoes the vines bear. This and our Red Ideal make a fine pair for any garden.

Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts.



SMALL FRUITED VARIETIES

RED CHERRY, CURRANT, PEACH, PEAR AND PLUM.
These varieties, resembling the several fruits, are for preserves, pickles, or for exhibition.

Each pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts.

YELLOW CHERRY, PEAR, PLUM OR PEACH.

Each pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts.

STRAWBERRY TOMATO (Husk Tomato, Straw Tomato or Winter Cherry). The small fruit, about half an inch across, is enclosed in an envelope of bracts. Quite valuable as a preserved vegetable. The plant grows in a low spreading bush.

Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts.

FORCING TOMATOES

W. & D.'S IMPROVED STIRLING CASTLE.

Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.75.

CARTER'S SUNRISE.

Pkt. 25 cts.

WINTER BEAUTY.

Pkt. 50 cts.

BEST OF ALL.

Pkt. 10c., $\frac{1}{2}$ oz. 50c., oz. 85c., $\frac{1}{4}$ lb. \$3.00.



Yellow Pear Tomato

THE DON TOMATO

Extra Early—Medium Size—Enormous Bearer

The wonderful bearing quality of the Don, and its early ripening make it the best of all the early sorts. It bears enormously, the plants producing clusters of fruits, which average from five to nine in each cluster. The fruit itself is of medium size, globe shaped and of a beautiful rich red color. The flesh is very solid and of excellent flavor. The vines are very robust, strongly branching, and free from disease. Unlike most very early varieties, The Don bears, not only heavily, but quite continuously. Good for both indoor and outdoor cultivation. **Pkt. 25 cts.**

GENERAL LIST OF TOMATOES

PONDEROSA. One of the largest and most solid varieties in cultivation, some fruits attaining the weight of a pound and over. Nor has it been surpassed in delicious meaty flavor. The color is a glowing purplish crimson. Considering its size, it is quite regular in shape, and many consider it the finest for slicing and table use, as it has few seeds. The earlier fruits ripen quickly and it bears well until very late.

Pkt. 10 cts., $\frac{1}{2}$ oz. 55 cts., oz. \$1.00, $\frac{1}{4}$ lb. \$3.50.

LIVINGSTON'S GLOBE. Fruits large, smooth and perfect globe-shape; fine glossy pink, tinged with purple; is exceptionally firm and an enormous yielder; fine quality.

Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.50.

PERFECTION. An early variety; blood red; perfectly smooth.

Pkt. 5 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25.

ACME. Rich, glossy crimson, tinged with purple; perfectly smooth. One of the earliest.

Pkt. 5 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.10.

CRIMSON CUSHION. The color is scarlet crimson, untinged with purple; ripens almost to the stem; large, solid, and almost seedless. Pkt. 10 cts., $\frac{1}{2}$ oz. 50 cts., oz. 85 cts., $\frac{1}{4}$ lb. \$3.00.

DWARF CHAMPION. Very early; fruit medium-sized, smooth and of fair quality. Plant of characteristic stocky habit.

Pkt. 5 cts., $\frac{1}{2}$ oz. 20 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.60.

DWARF PONDEROSA. The largest-fruited of all dwarf varieties. The fruits are borne in clusters and ripen about a week earlier than Ponderosa. The color is a rich purple crimson, solid and of delicious flavor.

Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75.

DWARF STONE. Similar to the tall Stone in color and size of fruit; comes in as early as Dwarf Champion, and is the same in habit of vine. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75.

EARLIANA. Is a very early, large variety, of uniform size and very productive; the fruit is round, smooth and firm; bright red. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.60.

LARGE YELLOW, or GOLDEN QUEEN. Large smooth; golden yellow. Pkt. 5 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35c., $\frac{1}{4}$ lb. \$1.25.

STONE. For a shipping tomato, the Stone has always held first place. This is because of its keeping quality. The flesh is very firm and solid and will withstand considerable handling. The flavor, of course, is excellent. The skin is very smooth, the color a bright scarlet and the fruit large, ripening evenly to the stem without cracking, hence they make a wonderfully fine appearance. Pkt. 5 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.10.

TOMATO PLANTS

POT-GROWN PLANTS. The Don, W. & D.'s Red Ideal and W. & D.'s Golden Ideal; ready May 15. 75 cts. per doz. **ALL OTHER VARIETIES.** 50 cts. per doz.

PLANTING SUGGESTIONS FOR TOMATOES

The market gardener allows 4 ounces of seed to the acre. One packet provides enough plants for 100 ft. of row. Sow from Feb. 1st to May 25th in the hot-bed, greenhouse or sitting room, and from May 25th to June 15th in a spare corner of the garden. Transplant once or twice to secure stocky plants with good fibrous roots. When the plants are 6 inches high, transplant to permanent position and allow 3 ft. from plant to plant in each direction. 125 days from seeding to maturity is a fair estimate.

A good method is to train to a single stem by removing side branches as they appear, when the support of a strong 7 ft. stake is necessary.

Hoe thoroughly and constantly but not too deeply, and work in occasionally a light dressing of W. & D.'s Garden and Lawn Fertilizer.



Ask for "Tomatoes," one of our "Leaflets which tell you How."

TURNIP

WHITE VARIETIES

W. & D.'s EARLY WHITE SIX WEEKS. An extra early variety of rapid growth and very few leaves. It is a distinct variety, particularly suited for early use, especially for spring and early summer. It furnishes a supply of deliciously flavored, tender turnips. The root is somewhat flat, of medium size, and entirely white with a slender tap root.

The flesh is a beautiful ivory white, is very solid but crisp, tender and of delicate and exceedingly mild flavor. The flesh does not become pithy or woody.

This variety is always highly esteemed by all who raise it, and it is most desirable for table use as well as a splendid market variety.

Pkt. 10 cts., oz. 35c., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

W. & D.'s EARLY SNOWBALL. An early and perfectly formed round turnip with few side roots, and one of the best white fleshed kinds grown. It is particularly fine for sowing early in the Spring. The flesh is solid, crisp, tender and deliciously sweet. It grows so quickly that even the outer surface of the bulb is quite tender. Its table qualities are excellent, being of the most delicate flavor and tempting appearance. It is a heavy cropper. It can also be sown in August for a fall crop.

Pkt. 5 cts., oz. 25c., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

W. & D.'s WHITE MODEL. The earliest white globe-shaped Turnip in cultivation; flesh crisp and tender. An especially good market variety, as it makes a handsome appearance on the stall. Specially adapted to forcing.

Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

COW HORN. A quick-growing, long-shaped variety; flesh fine-grained and sweet.

Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50.

EARLY WHITE STRAP LEAF. A quick-growing standard sort; the roots are flat and smooth, of medium size.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

PURPLE-TOP MILAN. Early, flat, smooth, of medium size, with bright purple top and few leaves; flesh white and mild.

Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

PURPLE-TOP WHITE GLOBE. A large, rapid-growing turnip, with globe-shaped roots; flesh pure white and of superb flavor; skin white with purple top.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50.

RED-TOP STRAP LEAF. One of the best table varieties; fine grained and of mild flavor; flesh white; leaves narrow and erect; very productive in growth. Flat roots.

Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

WHITE EGG. White skin; flesh is white, oval in shape, always firm and sweet; a good keeper. Not a large turnip but always brings the best prices in market. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

WHITE MILAN. Similar to Purple-Top Milan but pure white; fine-grained and tender. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

YELLOW VARIETIES

YELLOW GLOBE. Fine for general crop; the yellow flesh is firm and sweet; keeps well until Spring. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

YELLOW STONE. One of the hardiest and best winter turnips; rich golden yellow; flavor delicate and melting. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

GOLDEN BALL. A handsome and distinct variety for table use. Medium in size, with smooth yellow skin and bright yellow flesh. Grows quickly, yields heavily and keeps well. The flavor is excellent. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

YELLOW ABERDEEN PURPLE-TOP. Productive, hardy and an excellent keeper; flesh yellow, solid and tender. Used both for the table and for stock feeding. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

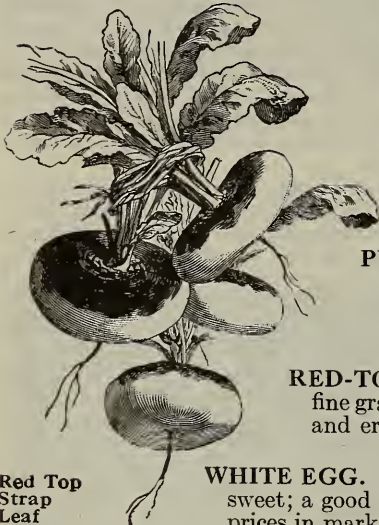
Cultural Suggestions for Turnips

Sow the Spring crop as early as possible, using only those varieties which mature quickly. It is not generally advisable to try to grow turnips during the Summer, as they will not stand great heat. Sowings may be resumed about August 1st, and continued until September 1st. One packet will sow 25 ft. of drill and one ounce 100 ft.; 4 lbs. is the allowance per acre. Rows may be 18 ins. apart and the plants thinned to 6 ins. apart in the rows. Allow about 65 days from seeding to maturity.

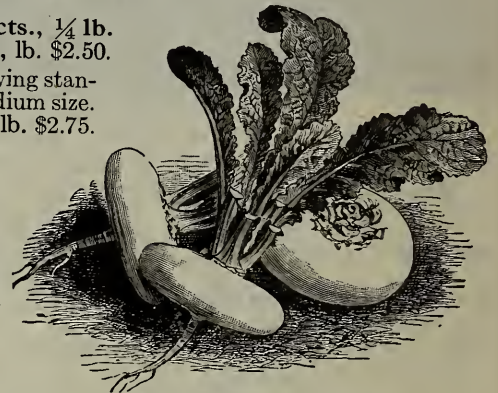
FREE Ask for "Beets, Carrots, Turnips, Radishes and other root crops," one of our "Leaflets which tell you How."



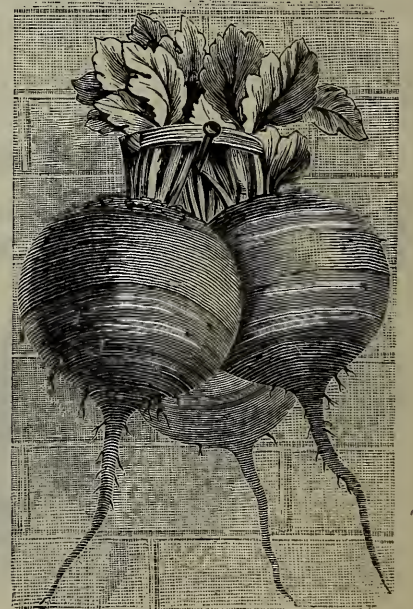
W. & D.'s Early White Six Weeks



Red Top Strap Leaf



Early White Strap Leaf



Golden Ball

RUTABAGA, SWEDE or RUSSIAN TURNIP

The Rutabaga, or Swede is extensively grown for both table use and stock feeding; the roots are close-grained, very hardy, and will endure a considerable degree of cold without injury. The roots are best preserved in a pit or cellar during Winter, and are excellent for the table early in Fall, Winter and Spring. Sow from the 20th of June to the middle of July, in drills 2 feet apart, covering $\frac{1}{2}$ inch and thin out to 8 to 10 inches. The farmer sows 3 to 4 lbs. per acre.

W. & D.'S LONG ISLAND IMPROVED. An improved strain of Purple-Top Rutabaga which grows much larger than any other sort. The flesh, which is a rich yellow, is most delicious and nourishing; its keeping qualities are of the very best.

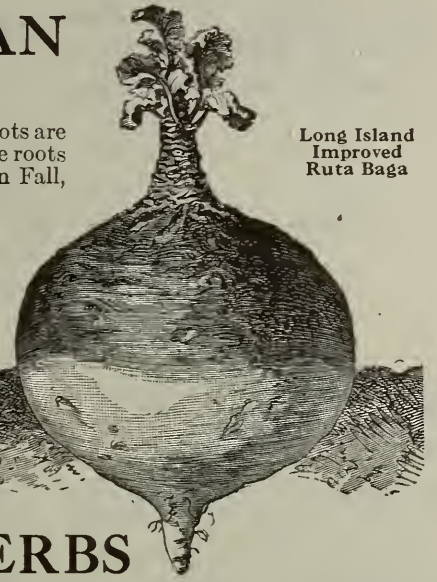
Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

IMPROVED AMERICAN. A well-known variety, suitable for stock or table; flesh yellow; hardy and productive.

Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

CHAMPION PURPLE-TOP. An excellent table variety of the finest quality, with short neck and small top. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

LARGE WHITE FRENCH. A white-fleshed variety of large size and fine quality. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 70 cts., lb. \$2.50.



Long Island Improved Ruta Baga

SWEET, POT and MEDICINAL HERBS

Sow in Spring in shallow drills, 1 foot apart; thin out as needed, or transplant to permanent beds.



Ask for "Herbs," one of our "Leaflets which tell you How."

ANGELICA (*Archangelica officinalis*). For flavoring.

Pkt. 5 cts., oz. 20 cts.

ANISE (*Pimpinella anisum*). For garnishing, cordials and flavoring.

Pkt. 10 cts., oz. 25 cts.

BALM (*Melissa officinalis*). For culinary purposes.

Pkt. 15 cts.

BASIL, Sweet (*Ocymum basilicum*). Used for flavoring soups, etc.

Pkt. 10 cts., oz. 30 cts.

BORAGE (*Borago officinalis*). Excellent for bees. The leaves are used in salads or boiled as Spinach.

Pkt. 10 cts., oz. 25 cts.

CARAWAY (*Carum Carvi*). The seeds are used in cakes and medicine.

Pkt. 10 cts., oz. 30 cts.

CORIANDER (*Coriandrum sativum*). For garnishing; the seeds are useful for flavoring.

Pkt. 5 cts., oz. 20 cts.

DILL (*Anethum graveolens*). Seeds used for flavoring vinegar.

Pkt. 5 cts., oz. 25 cts.

DILL, Mammoth. Larger than the old variety.

Pkt. 10 cts., oz. 30 cts.

FENNEL, Florence or Naples (*Foeniculum dulce*). In flavor resembling Celery.

Pkt. 15 cts., oz. 50 cts.

HOREHOUND (*Marrubium vulgare*). Used for its tonic properties.

Pkt. 10 cts., oz. 30 cts.

HYSSOP (*Hyssopus officinalis*). Has medicinal qualities.

Pkt. 10 cts., oz. 30 cts.

LAVENDER (*Lavendula spica*). For oil and distilled water.

Pkt. 10 cts., oz. 30 cts.

MARJORAM, Sweet (*Origanum Majorana*). Used for seasoning. Annual.

Pkt. 10 cts., oz. 35 cts.

MINT (*Mentha viridis*). Plants, each 15 cts., doz. \$1.50.

ROSEMARY (*Rosmarinus officinalis*). Yields an aromatic oil and water.

Pkt. 15 cts., oz. 40 cts.

SAGE (*Salvia officinalis*). The leaves are used in dressings and sauces.

Pkt. 10 cts., oz. 35 cts.

SAVORY, Summer (*Satureia hortensis*). Used for seasoning and flavoring soups.

Pkt. 10 cts., oz. 50 cts.

SAVORY, Winter (*Satureia montana*). A hardy perennial; used for flavoring.

Pkt. 10 cts., oz. 35 cts.

THYME, Broad-leaved (*Thymus vulgaris*). The leaves are dried for seasoning.

Pkt. 15 cts., oz. 60 cts.

WORMWOOD (*Artemisia absinthium*). Medicinal. Pkt. 10 cts.

BIRD SEEDS, ETC.

CANARY SEED. Lb. 15 cts.
GRAVEL FOR CAGES. Pkg. 10 cts.
HEMP. Lb. 15 cts.
LETTUCE SEED. Lb. 30 cts.

(Prices Subject to Change)

MILLET, AMERICAN Lb. 15 cts.
MILLET, FRENCH Lb. 15 cts.
RAPE. Lb. 15 cts.

MIXED PARROT SEEDS. Lb. 15 cts.
SUNFLOWER SEED FOR PARROTS. Lb. 15 cts.
MIXED BIRD SEEDS. Lb. 15 cts.

ESCULENT ROOTS AND PLANTS

ASPARAGUS. See below and page 7.
ARTICHOKE, Globe. See page 7.
ARTICHOKE, Jerusalem, (tubers) See page 7.
CHIVE PLANTS. Clump 25 cts., doz. clumps \$2.50.

GARLIC SETS. See page 22.
MINT. Each 15 cts., doz. \$1.50.
HORSE-RADISH ROOTS, Maliner Kren. A quick-growing and large-rooted variety. Doz. 20 cts., 100 \$1.25.

RHUBARB ROOTS. Each 15 cts., doz. \$1.50.
Extra Strong. Each 25 cts., doz. \$2.50. See also page 35.
TARRAGON ROOTS (Estragon). Extra strong clumps. Each 50 cts., doz. \$5.00.

VEGETABLE PLANTS

CABBAGE, CAULIFLOWER, EGG PLANT, PEPPER, LETTUCE, TOMATO
Ready from April till June. Prices and Varieties on application

VEGETABLE ROOTS FOR WINTER FORCING

ASPARAGUS. Extra-large, 8-year-old clumps. Doz. \$1.50, 100 \$12.00.
RHUBARB. Extra-large clumps. Each 25 cts., doz. \$2.50, 100 \$20.00.

SEA KALE. Selected Forcing Crowns. Each 30 cts., doz. \$3.25, 100 \$25.00.
WITLOOF CHICORY. Extra-selected roots for forcing. Doz. \$1.25, 100 \$7.00.

The Principles of Vegetable
Growing in tabular form for the
Amateur's ready reference

Weeber & Don's

NAME

American	French	Spanish	German	Italian	Botanical Name and Nat. order
	1	2	3	4	5
Artichoke, globe. See Note A.	Artichaut	Alcachofa	Artischoke	Carciofo	<i>Cynara scolymus</i> (Compositæ)
Artichoke, Jerusalem.	Topinambour	Namara	Erdapfel oder Topinambour	Girasole del Canada	<i>Helianthus tuberosus</i> (Compositæ)
Asparagus. From seeds. See Notes A, B.	Asperge	Esparrago	Spargel	Sparagi	<i>Asparagus officinalis</i> (Liliacæ)
Asparagus. From roots. See Note B.					
Beans, Bush.	Haricot nain	Frijol	Busch Bohne	Fagiuolo	<i>Phaseolus vulgaris</i> (Leguminosæ)
Beans, Bush Lima.	Haricot de Lima	Judía de Lima	Lima Bohne	Fagiuolo di Lima	<i>Phaseolus lunatus</i> (Leguminosæ)
Beans, Pole (hills)	Haricots à rames	Habichuela	Stangen Bohne	Fagiuolo	<i>Phaseolus vulgaris</i> (Leguminosæ)
Beans, Pole Lima (hills)	Haricot de Lima	Judía de Lima	Lima Bohne	Fagiuolo di Lima	<i>Phaseolus lunatus</i> (Leguminosæ)
Beans, Navy	Haricot nain	Habichuela	Zwerg Bohne	Fagiuolo	<i>Phaseolus vulgaris</i> (Leguminosæ)
Beans, English Windsor	Fève	Haba	Garten Bohne	Fava	<i>Faba vulgaris</i> (Leguminosæ)
Beet, round varieties.	Betterave	Remolacha	Roths-Rube	Barbabietola	<i>Beta vulgaris</i> (Chenopodiaceæ)
Borecole, or Kale	Choux verts	Col sincogollo, Breton	Blatterkohl	Cavolo verde	<i>Brassica oleracea acephala</i> (Cruciferæ)
Brussels Sprouts. See Note A.	Chou de Bruxelles	Col de Bruselas	Rosen-kohl	Cavolo a germoglio	<i>Brassica oleracea gemmifera</i> (Cruciferæ)
Cabbage, early. See Note A.	Chou pommé	Berza	Kopfkohl	Cavolo cappuccio	<i>Brassica oleracea capitata</i> (Cruciferæ)
Cabbage, late. See Note A.					
Cardoon. See Note A.	Cardon	Cardo	Kardone	Cardone	<i>Cynara cardunculus</i> (Compositæ)
Carrot	Carotte	Zanahoria	Möhre	Carota	<i>Daucus carota</i> (Umbelliferæ)
Cauliflower, early. See Note A.	Chou-fleur	Coliflor	Blumenkohl	Cavolfiori	<i>Brassica oleracea Botrytis</i> (Cruciferæ)
Cauliflower, late. See Note A.					
Celery. See Note A.	Céleri	Apio	Sellerie	Sedano	<i>Apium graveolens</i> (Umbelliferæ)
Celeriac, or Knob Celery. See Note A.	Céleri-rave	Apio-nabo	Knollen-sellerie	Sedano-rapa	<i>Apium graveolens</i> (Umbelliferæ)
Chicory (Witloof)	Chicorée sauvage	Cichorée, Achicoria, amargo o agreste	Chicorie	Cicoria selvatica	<i>Cichorium intybus</i> (Compositæ)
Corn, Sweet (hills)	Mais sucre, Blé d'Inde	Maiz	Mais	Gran turco	<i>Zea mays</i> (Gramineæ)
Corn Salad, or Feticus	Mâche commune	Canonigos	Feldsalat	Erba riccia	<i>Valeriana olitoria</i> (Valerianaceæ)
Cress (Seedlings eaten)	Cresson	Mastuerzo	Garten-Kresse	Agretto	<i>Lepidium sativum</i> (Cruciferæ)
Cucumber (hills)	Concombre	Cohombro, Pepino	Gurke	Cetriolo	<i>Cucumis sativus</i> (Cucurbitaceæ)
Dandelion	Pissenlit	Amargon	Löwenzahn	Macerone	<i>Leontodon taraxacum</i> (Compositæ)
Egg Plant. See Note A.	Aubergine	Berengena	Eierpfanze	Petronciano	<i>Solanum melongena</i> (Solanaceæ)
Endive	Chicorée frisée	Endivia	Endivien	Indivia	<i>Cichorium endivia</i> (Compositæ)
"round leaved (Escarolle)	Chicorée scarole	Escarola			
Fennel	Fenouil	Hinojo	Fenchel	Finochlio	<i>Foeniculum dulce</i> (Umbelliferæ)
Garlic: sets	Ail ordinaire	Ajo vulgar	Knoblauch	Aglio	<i>Allium sativum</i> (Liliacæ)
Kale (see Borecole)					
Kohl Rabi	Chou-rave	Col rabano	Oberkohlrabi	Cavolo rapa	<i>Brassica caulorapa</i> (Cruciferæ)
Leek	Poireau	Puerro	Lauch	Porro	<i>Allium porrum</i> (Liliacæ)
Lettuce, heading or Cabbage	Laitue pommée	Lechuga acogollada	Kopfsalat	Lattuga a cappuccio	<i>Lactuca sativa</i> (Compositæ)
Lettuce, cos or "Romaine"	Laitue romaine	Lechuga romana	Römischer oder Binde salat	Lattuga romana	<i>Lactuca sativa</i> (Compositæ)
Melon, Musk (hills)	Melon Musgué	Melon Almizcleño	Melone Zucker elone	Popone	<i>Cucumis melo</i> (Cucurbitaceæ)
Melon, Water (hills)	Melon d'eau	Sandia	Wasser-Melone	Çocomero	<i>Cucumis citrullus</i> (Cucurbitaceæ)
Mushroom	Champignon	Seta	Schwamm	Fungo	<i>Agaricus campestris</i> (Fungi)
Mustard, for salads (Seedlings eaten)	Moutarde blanche	Mostaza blanca	Gelber senf.	Senapa bianca	<i>Sinapis alba</i> (Cruciferæ)
Nasturtium, dwarf	Capucine petite	Capuchina pequeña	Zwerg Kapuciner Kresse	Nasturzio minore	<i>Tropæolum minus</i> (Tropæolaceæ)
Nasturtium, tall	Capucine grande	Capuchina grande	Hohe Kapuciner Kresse	Nasturzio maggiore	<i>Tropæolum majus</i> (Tropæolaceæ)
Okra, or Gumbo	Gombo	Gombo, Quimbombo	Okra	Ibisco	<i>Hibiscus esculentus</i> (Malvaceæ)
Onion. From seeds	Ognon	Cebolla	Zwiebel	Cipolla	<i>Allium cepa</i> (Liliacæ)
Onion. From sets	Oignonettes				
Parsley	Persil	Perejil	Petersilie	Prezzemolo	<i>Apium petroselinum</i> (Umbelliferæ)
Parsnip	Panais	Chirivia	Pastinake	Pastinaca	<i>Pastinaca sativa</i> (Umbelliferæ)
Pea	Pois	Chicaros-o-Guisantes	Erbsen	Pisello	<i>Pisum sativum</i> (Leguminosæ)
Pepper. See Note A.	Pimento	Pimiento	Schotenpeffer	Peperone	<i>Capsicum annuum</i> (Solanaceæ)
Potato	Pomme de terre	Patata, Papa	Kartoffel	Patata	<i>Solanum tuberosum</i> (Solanaceæ)
Pumpkins (hills)	Potirons, Citrouilles	Calabaza totanera	Kürbiss	Zucca	<i>Cucurbita varieties</i> (Cucurbitaceæ)
Radish	Radis	Rabanito	Radieschen oder Rettig	Ravanello	<i>Raphanus sativus</i> (Cruciferæ)
Rhubarb, seeds } See Notes A, B	Rhubarbe	Ruibarbo	Rhabarber	Rabarbaro	<i>Rheum hybridum</i> (Polygonaceæ)
Rhubarb, roots }					
Ruta Baga	Navet des champs	Col nabo	Kohlrübe	Cavolo navone	<i>Brassica caulorapa</i> (Cruciferæ)
Salsify	Salsifis	Salsifí blanco, Ostien Vegetal	Haferwurz	Barba di becco	<i>Tragopogon porrifolius</i> (Compositæ)
Scorzonera	Scorsonère	Escorzonera	Schwarzwurz	Scorzonera	<i>Scorzonera hispanica</i> (Compositæ)
Sorrel	Oseille	Acedera	Sauerampfer	Acetosia	<i>Rumex acetosa</i> (Polygonaceæ)
Spinach	Epinard	Espinaca	Spinat	Spinacci	<i>Spinacia oleracea</i> (Chenopodiaceæ)
Spinach, New Zealand	Tétragone cornue	Tetragona	Neuseeländischer Spinat	Tetragona	<i>Tetragonia expansa</i> (Mesembryanthemaceæ)
Squash (hills)	Courge	Calabaza	Speise Kurbiss	Zucca	<i>Cucurbita varieties</i> (Cucurbitaceæ)
Sweet Potato plants	Patata douce	Batáta	Süsse Kartoffel	Patata	<i>Ipomæa batatas</i> (Discoraceæ)
Swiss Chard	Poirée	Bleda, Acelga blanca	Beisskohl oder Mangold	Bieta	<i>Beta vulgaris</i> (Chenopodiaceæ)
Tobacco. See Note A.	Tabac	Tabaco	Tabak	Tabacco	<i>Nicotiana tabacum</i> (Solanaceæ)
Tomato. See Note A.	Tomate	Tomate	Liebes Apfel	Pomodoro	<i>Lycopersicum esculentum</i> (Solanaceæ)
Turnip	Navet	Nabo	Herbst-Rübe, Steckrübe	Navone	<i>Brassica napus</i> (Cruciferæ)

NOTE.—We give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants we send out, and we will

Unique Planting Tables

See next page for various
Notes explaining these
Tables

Approximate Quantity of Seed			Planting Distances			Hardy (H) or Tender (T).	When to Sow and time taken			Approximate yield per acre. Horse cultivation, Higher yields possible with intensive hand cultivation	NAME
For one acre	For 100 ft. of row	Length of row a W & D packet will sow (or provide plants for)	From row to row (or from hill to hill) Hand Cultivation	From plant to plant in the row (or from hill to hill)	Approximate height the plant attains		Sowing dates	Look for plants above ground within	Approximate time from seed to maturity		
6	7	8	9	10	11	12	13	14	15	16	
	See Note F	ft.	ft.	ft.	ft.	See Note D	See Notes D and E	weeks	days	See Note F	
6-8 bus.	1 pkt.	100	3	3	4	T	Apr. 15.....	2	550	.....	Artichoke, globe. See Note A
.....	4 qts.	.....	3	1	5-6	H	Apr. 15-June 1.....	3	135	.....	Artichoke, Jerusalem.
.....	2 ozs.	50 plants	.....	.....	.....	H	Apr. 15-June 10.....	3	1000	.....	Asparagus. From seeds. See Notes A & B
.....	150 roots	.....	1½	¾	5	H	Apr. 15-June 10.....	3	700	.....	Asparagus. From roots. See Note B
1 bus.	1 qt.	15	2	1½	1½	T	May 15-Aug. 15.....	1	45	200 bus. pods..	Beans, Bush
½ bus.	1 qt.	15	2	1½	1½	T	May 15-June 10.....	1	60	75 bus., shelled..	Beans, Bush Lima
½ bus.	1 qt.	15 hills	4	3	6	T	May 15-June 25.....	1	60	75 bus., shelled..	Beans, Pole (hills)
½ bus.	1 qt.	12 hills	4	3	8	T	May 15-June 10.....	1	80	75 bus., shelled..	Beans, Pole Lima (hills).
1 bus.	100 hills	.....	2½	1½	2	T	May 15-June 10.....	1	70	25 bus., shelled..	Beans, Navy
.....	1 qt.	15	2	1½	2	H	Apr. 1-May 15.....	2	60	.....	Beans, English Windsor
6 lbs.	2 ozs.	15	1½	1	1	H	Apr. 1-Aug. 1.....	2	65	600 bus.....	Beet, round varieties.
4 lbs.	½ oz.	25	2	2	1	H	Mar. 25-July 1.....	1	65	.....	Borecole, or Kale
.....	1 pkt.	100	2½	1½	2½	H	Apr. 15-July 1.....	1	120	6,000 quarts.....	Brussels Sprouts. See Note A
¼ lb.	1 pkt.	100	2	1½	2	H	Feb. 15-May 1.....	1	100	7,000 heads.....	Cabbage, early. See Note A
¼ lb.	1 pkt.	100	2½	1½	2	H	May 15-June 15.....	1	140	5,000 heads.....	Cabbage, late. See Note A
.....	1 pkt.	100	2½	1½	2½	T	May 15-June 30.....	3	125	.....	Cardoon. See Note A
6 lbs.	1 oz.	15	1½	1	1	H	Mar. 25-July 1.....	2	60	600 bus.....	Carrot
¼ lb.	1 pkt.	100	2	1½	2	H	Feb. 1-June 1.....	1	100	7,000 heads.....	Cauliflower, early. See Note A
¼ lb.	1 pkt.	100	2½	1½	2	H	May 25.....	1	125	5,000 heads.....	Cauliflower, late. See Note A
¼ lb.	1 pkt.	100	3	1½	2	H	Mar. 25-Apr. 30.....	3	145	28,000 heads.....	Celery. See Note A
.....	1 pkt.	100	1½	1½	1½	H	Mar. 25-Apr. 30.....	3	155	.....	Celery, or Knob Celery. See Note A
.....	½ oz.	30	2	1½	1½	H	Apr. 1-May 1.....	2	.....	.....	Chicory (Witloof)
¼ bus.	1 pint	30	3	3	6	T	May 15-July 15.....	2	75	250 bus. ears.....	Corn, Sweet (hills)
10 lbs.	2 ozs.	15	1½	1	1	H	{ Apr. 15-30 } { Aug. 1-Sept. 15 }	2	50	150 barrels.....	Corn Salad, or Feticus.
.....	.....	5	1½	.....	1½	H	Jan. 1-Dec. 31.....	1	15	.....	Cress (Seedlings eaten)
3 lbs.	2 ozs. per 100 hills	15 hills	4	4	1½	T	May 15-July 25.....	1	60	150,000 fruits.....	Cucumber (hills)
3 lbs.	1 oz.	20	1½	¾	1	H	Apr. 15-June 30.....	2	50	150 barrels.....	Dandelion
¼ lb.	1 pkt.	100	2½	2½	3	T	Mar. 1-Mar. 20.....	2	155	10,000 fruits.....	Egg Plant. See Note A
3 lbs.	1 oz.	20	1½	1	1	H	Mar. 25-Aug. 15.....	1	55	16,000 heads.....	Endive
.....	1 oz.	20	2	1	2½	H	Mar. 25-June 1.....	2	.....	.....	" round leaved (Escarolle)
.....	8 lbs	.....	1	1	1	H	Apr. 15-June 1.....	2	120	.....	Fennel
5 lbs.	1pkt.-2 oz.	10-50	2	1½	1	H	Apr. 1-July 1.....	1	60	600 bus.....	Garlic: sets
.....	1 oz.	25	1½	1½	1½	H	Apr. 1-May 15.....	2	130	.....	Kale (see Borecole)
3 lbs.	1 oz.	20	1½	¾	¾	H	Mar. 25-Aug. 10.....	1	55	24,000 heads.....	Kohl Rabi
3 lbs.	1 oz.	20	1½	¾	¾	H	Mar. 25-Aug. 10.....	1	60	24,000 heads.....	Leek
3 lbs.	2 ozs. per 100 hills	15 hills	4	4	1½	T	May 15-June 15.....	2	100	10,000 fruits.....	Lettuce, heading or Cabbage
5 lbs.	3 ozs. per 100 hills	12 hills	8	8	1½	T	May 15-June 10.....	2	125	5,000 fruits.....	Lettuce, cos or "Romaine"
.....	1 brick for 5x2 ft.	.....	1½	1½	1½	T	Jan. 1-Dec. 31.....	6	45	.....	Melon, Musk (hills).
.....	.....	5	1½	.....	1½	H	Jan. 1-Dec. 31.....	1	10	.....	Melon, Water (hills)
.....	2 ozs.	15	1½	1	1	H	May 15-June 15.....	2	70	.....	Mushroom
.....	2 ozs.	15	4	1½	5	T	May 15-June 15.....	2	75	.....	Mustard, for salads (Seedlings eaten)
.....	3 ozs.	15	2½	1½	3	T	May 15-June 30.....	1	60	.....	Nasturtium, dwarf
6 lbs.	1 oz.	15	1	1	1	H	Feb. 28-May 15.....	2	140	300 to 600 bus.....	Nasturtium, tall
8 lbs.	2 qts.	.....	1	1½	1	H	Apr. 15-June 1.....	2	40	12,000 bunches.....	Okra, or Gumbo
8 lbs.	1 oz.	20	1½	1½	1½	H	Apr. 1-May 31.....	3	70	200 barrels.....	Onion. From seeds
8 lbs.	1 oz.	20	1½	1½	1½	H	Apr. 1-May 31.....	3	120	800 bus.....	Onion. From sets.
3 bus.	1 qt.	15	2-4	1	1-6	H	Apr. 1-May 15.....	2	60	160 bus. (in pods)	Parsley.
¼ lb.	1 pkt.	100	2½	2	2½	T	Mar. 1-Apr. 15.....	2	125	800 bus.....	Parsnip
12 bus.	¾ peck	.....	2½	1	2½	H	Apr. 15-June 15.....	3	135	200 bus.....	Pea
See Note J	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Pepper. See Note A
6 lbs.	4 ozs. per 100 hills	10 hills	3	8	1	T	May 15-June 15.....	2	110	200 bus.....	Potato
.....	2 ozs.	15	1	1½	1	H	Mar. 25-Sept. 1.....	1	30	2,500 fruits.....	Pumpkins (hills).
.....	1 pkt.	100	3	2½	3	H	May 1-June 15.....	2	700	.....	Radish
.....	50	.....	3	2½	3	H	Spring or Fall.....	3	40	.....	Rhubarb, seeds } See Notes A & B
3 lbs.	1 oz.	20	1½	1½	1½	H	Apr. 1-Aug. 1.....	1	90	900 bushels.....	Rhubarb, roots }
10 lbs.	2 ozs.	15	1½	1½	1	H	Apr. 1-May 15.....	2	110	250 bushels.....	Ruta Baga.
10 lbs.	2 ozs.	15	1½	1½	1	H	Apr. 1-May 15.....	2	110	250 bushels.....	Salsify
20 lbs.	2 ozs.	15	1½	1½	1½	H	Apr. 1-May 15.....	2	110	250 bushels.....	Scorzonera.
10 lbs.	2 ozs.	15	1½	1½	1½	H	Apr. 1-June 30.....	2	60	.....	Sorrel
6 lbs.	3 ozs. per 100 hills	12 hills	4-8	4-8	1	T	Apr. 1-Sept. 15.....	2	45	250 barrels.....	Spinach
3 bus. tubers	75 plants	.....	3	2	¾	T	May 15-June 30.....	2	55	200 barrels.....	Spinach, New Zealand
6 bus.	2 ozs.	15	1½	1½	1½	H	May 15-July 1.....	2	65	5,000 fruits.....	Squash (hills)
½ oz.	1 pkt.	100	2½	2	4	H	June 1-June 30.....	.....	See Note K	200 bus.....	Sweet Potato plants
¼ lb.	1pkt. per 50 hills	50 hills	3	3	2-6	T	Apr. 1-Aug. 1.....	2	65	200 barrels.....	Swiss Chard
.....	.....	.....	.....	.....	.....	.....	Feb. 15-June 1.....	2	120	1,000 lbs.....	Tobacco. See Note A
3 lbs.	1 oz.	20	1½	1½	1½	H	Feb. 15-June 15.....	2	125	12 tons.....	Tomato. See Note A.
.....	.....	.....	.....	.....	.....	.....	Mar. 25-May 15.....	1	65	900 bus.....	Turnip

not be in any way responsible for the crop. If the purchaser does not accept the goods on these conditions, they may be at once returned to us at our expense.

Notes on *Weeber & Don* Unique Planting Tables

NOTE A

Sow these varieties in hot-beds, frames, or small patches in the open ground, according to the season and the hardness of the variety, and transfer the young plants to their permanent quarters in the rows later. Those without the "A" are generally sown direct into the ground and later young plants removed here and there so that those remaining are the customary distance apart: this is the process termed "Thinning."

NOTE B

These remain in the ground over winter and are permanent crops. Some others are occasionally sown in the fall and allowed to stand until the following spring; these latter include Corn Salad, Dandelion, Sorrel, Spinach, Parsnip, Salsify and Scorzonera, and the first four generally are benefited by some protection in the neighborhood of New York.

NOTE C

Distances given in Column 9, are for hand cultivation. When horses are used the spaces between rows have generally to be greater; a minimum width for horse cultivation would be thirty inches.

In hand cultivation, by alternating rows, that is, scattering rows of taller crops among those of dwarfier habit, space may be saved in the home garden. Apply columns 9 and 11 and work out a planting scheme accordingly; when this is done a convenient distance between all the rows is $1\frac{1}{2}$ feet.

NOTE D

Varieties marked "H" in Column 12 are "Hardy" in that they may be sown or planted out of doors soon after frost is out of the ground: light night frosts do not injure them. Plants marked H can also stand well into late fall and some are actually improved by frost.

Varieties marked "T" are "Tender" and must not be sown or planted out of doors until danger of night frosts is over. This column must be taken as a guide only and construed in its widest sense in that vegetables differ materially in their resistance to cold.

Where sowing is indicated earlier than the above periods the seeds are sown under glass to get early and seasonable crops, and are planted out in the open when ready. A few vegetables such as Lettuce, Radish and Carrot, are frequently sown early, and not transplanted but are grown to maturity under glass: this is termed "Forcing" and generally is confined to commercial gardens and to wealthy private establishments where frames or glass houses are available. A Hot Bed for this purpose is easily constructed, however, and most interesting and profitable possibilities are opened up by it. Ask for "Hot Beds and Frames," one of our "Leaflets which tell you How."

Column 13 brings out the fact forcibly that some vegetables at least may be sown or planted at almost any part of the growing season.

DEPTH TO COVER THE SEED—Following is a good general rule—COVER TO A DEPTH EQUAL TO $2\frac{1}{2}$ TIMES THE DIAMETER OF THE SEED. EXCEPTIONS.—50% deeper when sowing during hot weather or on soils that dry out quickly. 50% less deep when sowing on heavy land or during wet weather.

A GOOD HINT—Radish is a strong germinator, while Beet, Parsley, Carrot, Celery, Parsnip, Onion and some others are weak; it is recommended to mix a small quantity of Radish with these seeds when sowing, removing the Radishes afterwards; Radish seedlings break the soil crust and quickly mark your row; this process is particularly advantageous upon soils that bake.

Dates in italics indicate seeds have to be sown in the Greenhouse hot-bed, or living-room prior to May 15th in the case of Tender plants and prior to March 25th in the case of Hardy plants. After these two dates sow in open ground. The dates given refer to the neighborhood of New York and to sections having similar climatic conditions.

The growing season may be divided roughly as follows:

		No. of Growing Days	Seeds of Plants that are classified as under in column 12 may be sown or put out
Mar. 25 to May 15	In most years the ground commences to be workable from Mar. 25th on, but frost occurs with diminishing severity until about May 15th.	52	H.
May 15 to Sept. 10	In this period even night-frosts are rare. They may be expected by about Sept. 10th.	118	H. and T.
Sept. 10 to Oct. 25	Hardy crops will continue growing during this period, but after Oct. 25th no growth can be expected.	45	H.
Total growing days in the year		215	

NOTE E

Do not be satisfied with less than two crops in a season from most of your rows, in many cases you will get three. By carefully comparing columns 12, 13 and 15 many schemes of successional cropping may be readily evolved whereby your garden is productive the whole season.

NOTE F

The produce of a **Hundred Foot Row** may be roughly estimated by dividing the yield per acre by 120.

NOTE G

Allowed to trail, Tomatoes do not go higher than 2 feet, but support up to 6 feet is necessary if they are trained to a single stem by removing side branches as they arise.

NOTE J

If cut to one or two eyes, use eight bushels per acre.

NOTE K

This figure is for Summer Squash. Winter varieties take about 120 days from seed to maturity.

Weeber & Don's Free "Leaflets which tell you How"

—READY JANUARY 30th—

Annual Flowers.
Artichokes, Tuberous rooted and Globe.
Asparagus.
Asters.
Beans, Bush, Pole and Field.
Beets, Carrots, Turnips, Radish and other root crops.
Bird Seeds, with notes on the care of cage birds.
Cabbage and Cauliflower, Kale and other Brassicae.
Carnations.
Celery and Celeriac.
Climbing Plants.

Corn, Garden and Field.
Dahlias.
Early vegetable plants from seed; Tomato, Cabbage, etc.
Fertilizers.
Gladioli.
Herbs.
Horse-radish, Rhubarb, etc.
Hot Beds and Frames.
Insecticides and Fungicides.
Lawns.
Little Grown Vegetables, Cardoon, Celery-Cabbage, Chervil, Chicory, Corn Salad, Dandelion, Fennel, Garlic, Martynia, Sorrel, Seakale.

Mushrooms.
Mustard and Cress.
Nasturtiums for decoration and food.
Onions and Leeks.
Pansies.
Peas for Garden and Field.
Peonies.
Perennial Borders from Seeds and Roots.
Potatoes and Sweet Potatoes.
Roots for the Farm.
Roses.
Salads and Garnishes.

Seed Sowing.
Spinach, New Zealand Spinach, and Swiss Chard.
Storing, preserving, canning and pickling vegetables.
Sweet Peas.
Testing Seeds.
Tobacco, Egg Plant, Okra and Pepper.
Tomatoes.
Vine Plants—Cucumbers, Melons, Squashes, Pumpkins, and Watermelons.

W. & D.'s "MONEY SAVING GARDEN" COLLECTIONS OF VEGETABLES WILL SAVE YOU TIME AND MONEY

These collections embody the fruit of forty years' experience in the seed business. We call your special attention to the choice varieties selected. Each is a "Quality Collection" in every sense of the word. The saving to you is a very real one. Why not order your choice of these three collections and get acquainted?

FREE DELIVERY on following vegetable collections will be made to all points inside parcel post zones 1, 2 and 3. From Lewiston, Me., to Norfolk, Va., as far West as Buffalo, N. Y., and McKeesport, Pa. Beyond these points (see table of parcel post rates on inside front cover) add postage at your zone:

Collection No. 1 at 4-pound rate.
" No. 2 at 10-pound rate.
" No. 3 at 17-pound rate.

Add the difference between your zone and the third zone. That is, we prepay to the third zone and customers beyond pay the additional postage from the third to their own zone.

VEGETABLE COLLECTION No. 1 FOR \$1.00

Suitable for a Garden about 20 ft. by 25 ft.

- 1 pkt. Beans. Dwarf String, Green Pod.
- 1 pkt. Beans. Wax or Butter Beans.
- 1 pkt. Beet. Red Round.
- 1 pkt. Cabbage. Very Early Round Head.
- 1 pkt. Carrot. Early Orange.
- 1 pkt. Corn. The Don.
- 1 pkt. Cucumber. Cool and Crisp.
- 1 pkt. Lettuce. Popular Summer Variety.
- 1 pkt. Onion. White Globe.
- 1 pkt. Parsley. Evergreen.
- 1 pkt. Peas. Early; 1 pkt. Medium; 1 pkt. Late.
- 1 pkt. Radish. Early Red.
- 1 oz. Spinach. All Season.
- 1 pkt. Turnip. White Table.
- 1 pkt. Tomato. Acme.

The price of the above collection \$1.00
If bought separately would cost \$1.50

VEGETABLE COLLECTION No. 2 FOR \$3.25

Suitable for a Garden about 20ft. by 100 ft.

- 1 pt. Beans. Early Green Pod.
- 1 pkt. Beans. Wax or Butter.
- 1 pkt. Beans. Burpee's Bush Lima.
- 1 oz. Beet. Round Red.
- 1 oz. Beet. Flat Red.
- 1 pkt. Cabbage. Very Early, Round Head.
- 1 pkt. Cabbage. Late Flat Dutch.
- 1 oz. Carrot. Early Orange.
- 1 pkt. Celery. White Plume.
- 1 pkt. Corn. The Don, Early.
- 1 pkt. Corn. Golden Bantam.
- 1 pkt. Corn. Stowell's Evergreen.
- 1 pkt. Cucumber. White Spine.
- 1 pkt. Eggplant. N. Y. Purple.
- 1 pkt. Kohlrabi. White Vienna.
- 1 pkt. Leek. American Flag.
- 1 pkt. Lettuce. Big Boston.
- 1 pkt. Lettuce. New York.
- 1 pkt. Melon, Musk. Netted Gem.
- 1 pkt. Melon, Water. Cole's Early.
- 1 pkt. Onion. White Globe.
- 1 pkt. Onion. Yellow Globe.
- 1 pkt. Parsley. Extra Curled.
- 1 pt. Peas. Early.
- 1 pt. Peas. Medium.
- 1 pt. Peas. Late.
- 1 oz. Radish. Scarlet Turnip.
- 1 oz. Radish. White Tip Turnip.
- 1 oz. Spinach. Long Standing.
- 1 pkt. Tomato. Ponderosa.
- 1 oz. Turnip. Snowball.

The price of the above collection \$3.25
If bought separately would cost \$4.80

SPECIAL VEGETABLE

COLLECTION No. 3 FOR \$7.00

Suitable for a Garden about 50 ft. by 100 ft.

- 1 pt. Beans. Early.
- 1 pt. Beans. Late.
- 1 pt. Beans. Wax or Butter.
- 1 pt. Beans. Bush Lima.
- 1 oz. Beet. Round Red, Early.
- 1 oz. Beet. Round Red, Late.
- 1 pkt. Cabbage. Large Round, Early.
- 1 pkt. Cabbage. Main Crop.
- 1 oz. Carrot. Early Orange.
- 1 oz. Carrot. St. Valery.
- 1 pkt. Cauliflower. Early Snowball.
- 1 pkt. Celery. White Plume.
- 1 pkt. Celery. Golden Heart.
- 1 pt. Corn. The Don, Early.
- 1 pt. Corn. Golden Bantam. Early.
- 1 pt. Corn. Country Gentleman. Late.
- 1 pt. Corn. Stowell's Evergreen. Late.
- 1 oz. Cucumber. Cool and Crisp.
- 1 pkt. Eggplant. Black Beauty.
- 1 pkt. Endive. Green Curled.
- 1 pkt. Kohlrabi. White Vienna.
- 1 pkt. Leek. American Flag.
- 1 pkt. Lettuce. Big Boston.
- 1 pkt. Lettuce. Salamander.
- 1 pkt. Lettuce. All Heart.
- 1 pkt. Lettuce. Paris White (Romaine).
- 1 pkt. Melon, Musk. Jenny Lind. Early.
- 1 pkt. Melon, Musk. Hackensack. Late.
- 1 pkt. Melon, Water. Kleckley Sweets. Early.
- 1 oz. Okra. Perkin's Long Pod.
- 1/2 oz. Onion. White Globe.
- 1/2 oz. Onion. Prizetaker.
- 1 pkt. Parsley. Evergreen.
- 1 oz. Parsnip. American Hollow Crown.
- 1 pt. Peas. Early Crop.
- 1 pt. Peas. Medium Crop.
- 1 pt. Peas. Main Crop.
- 1 pkt. Pepper. Large Bell.
- 1 pkt. Pumpkin. Small Sugar.
- 1 oz. Radish. Round Red.
- 1 oz. Radish. Red with White Tip.
- 1 oz. Radish. French Breakfast.
- 1 pkt. Salsify. Sandwich Island.
- 1/2 lb. Spinach. Long Standing.
- 1 pkt. Squash. Summer Crookneck.
- 1 pkt. Squash. Hubbard. (Winter variety.)
- 1 pkt. Tomato. Red Ideal.
- 1 pkt. Tomato. Ponderosa.
- 1 oz. Turnip. Snowball.
- 1 oz. Turnip. Yellow Globe.
- 1 oz. Turnip. Rutabaga. Improved American.

The price of the above collection \$7.00
If bought separately would cost \$10.40

These Collections are prepared in large quantities before our Spring rush commences, and we are in consequence able to give maximum value. It is not convenient to make changes in them, and we request that you do not ask us to do so.

See also our "Aldon" War Garden Collections at 50 cts. and \$1.50, described on page 3 and our "Exhibitor's Collection," costing \$3.50, listed on page 2.

Refer to page 104 for Flower Seed Collections.

WEEBER & DON

FOR A GOOD LAWN USE

W&D'S

BonnieSeed

LAWN GRASS MIXTURE

For a Rich, Green, Velvety Lawn use

"BonnieSeed" Lawn Grass

It is a combination of various fine-leaved, deep-rooting grasses that make a wonderfully perfect lawn like a beautiful green carpet. The seeds are carefully blended and thoroughly mixed.

Per pt. 15 cts., qt. 30 cts., 2 qts. 55 cts., 4 qts. \$1.00, pk. \$1.75, bus. (20 lbs.) \$6.
One quart will sow 10 x 20 feet (200 square feet). Five bushels will sow one acre.

We deliver this mixture free anywhere in the United States at above prices

WEEBER & DON

114 Chambers Street, New York

FOR PERMANENT EVERGREEN LAWNS

FREE LEAFLET: "LAWNS." ASK US FOR IT.

W. & D.'s Superior Lawn Seed Mixtures



W. & D.'S LAWN GRASS FOR SHADY PLACES AND UNDER TREES

On nearly all lawns there are shaded, bare and unsightly spots on which it is difficult to get grass to grow. Not every grass will grow under such conditions and for such places this mixture is adapted. If the soil is covered with moss or seems sour, rake off the surface and apply slaked lime at the rate of one bushel to each thousand square feet.

Like other plants, grasses need to be fertilized when grown on one spot year after year as in the case of a lawn. Particularly nitrate of soda is needed and this should be applied in liquid form rather than dry, that it may be evenly distributed and not burn the roots. Ground bone and muriate of potash are also good.

Qt. 35 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

W. & D.'S LAWN RESTORING GRASS MIXTURE

Weight per bushel, 24 lbs.

A mixture of grasses suited to take firm hold and grow quickly on hard, worn-out or burned spots. The best time

to re-sow is very early in spring, but seed may also be sown in the fall, during September and October.

Qt. 35 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

W. & D.'S LAWN GRASS MIXTURES FOR SPECIAL SITUATIONS

W. & D.'S GRASS MIXTURE FOR TERRACES AND EMBANKMENTS

Weight per bushel, 20 lbs.

This mixture is especially suited for terraces, embankments and hillsides, and produces a rich, velvety green turf

of fine-leaved grasses that withstand drought and exposure.

Qt. 35 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

W. & D.'s Lawn Tennis Grass Mixture

Weight per bushel, 20 lbs.

A mixture of grasses especially suited for the making of tennis-courts, croquet-grounds, etc. It is composed of fine-leaved, deep-rooting grasses, blended in proportions to form a green and lasting turf of the finest texture that will improve with trampling.

Qt. 35 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

Special Mixture for Seaside Lawns

Weight per bushel, 20 lbs.

A rich green lawn is especially desirable at the seashore; but, unless the proper mixture of grasses is used, the result will be disappointing. Our Seaside Lawn Mixture is composed of deep-rooting grasses that naturally thrive well on seaside lawns, and produce a good turf where the ordinary lawn grass would fail. It should be watered liberally, and also have an occasional application of bone meal.

Qt. 35 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

W. & D.'S SELECTED GRASS MIXTURES FOR GOLF-COURSES

We have for many years given careful attention to Grasses for Golf-Courses, and we import and deal in the highest grades only. There are many grades of various sorts offered for sale, and too much stress cannot be laid on the importance of securing the best seed. Our Putting-Green and Fair-Green Mixtures have been used on several of the leading courses in the country with excellent results.

W. & D.'S "BONNIESEED" PUTTING-GREEN MIXTURE. This mixture consists of the most suitable grasses for insuring a close, dense turf essential for putting-greens, including the varieties which endure continuous wear. Lb. 50 cts., 5 lbs. \$2.00, 25 lbs. \$8.75, 100 lbs. \$35.

W. & D.'S "BONNIESEED" FAIR-GREEN MIXTURE. A mixture composed of dwarf, spreading grasses, forming a close, velvety surface that improves from year to year. We prefer to make up special mixtures for fair-greens to suit the different soils and situations. Write us a description of your links, and let us know if your soil is sandy, clayey or loamy, and we will make up a suitable mixture. Lb. 35c., 5 lbs. \$1.50, 25 lbs. \$7.25, 100 lbs. \$28.

Our Book "How to Keep and Seed Links," free on application.

W. & D.'S GRASS SEED MIXTURE FOR POLO-, CRICKET- AND BALL-GROUNDS

The deep-rooting, fine-leaved, turf-forming grasses found in this mixture are especially suited for polo-grounds, etc. It forms a thick, strong, enduring turf that will stand any amount of hard usage without showing signs of wear and

tear. It grows quickly, and with attention to rolling and mowing should be ready for play in about eight weeks from time of sowing. Sow from 100 to 150 pounds to the acre.

Per 100 lbs. \$30.

W. & D.'S EVERGREEN LAWN GRASS

TO MAKE A GOOD LAWN, GOOD SEED IS ABSOLUTELY ESSENTIAL

The ingredients of this mixture are the highest grade of recleaned seeds only, free from chaff and weeds, and careful experiments have convinced us that W. & D.'s Evergreen Lawn Grass will give most satisfactory results. One pound of this mixture will sow 400 square feet; 100 pounds will sow one acre.

Weight per measured bushel, 25 lbs.

Price per lb. 40 cts., 5 lbs. \$1.90, 10 lbs. \$3.70, 25 lbs. \$8.50, 100 lbs. \$30.00.



W. & D.'S SPECIAL MIXTURES FOR HAY AND PERMANENT PASTURE

50 LBS. WILL SOW AN ACRE

These mixtures include the most nutritive and productive species of grasses suitable for laying down light, medium and heavy soils to permanent grass.

The quantity of each variety is carefully regulated, with the object of forming pastures that will yield, in the shortest time after being laid down, the heaviest crop of grass during the whole of each growing season, and in all kinds of weather. Early and late species are included in suitable proportions so that the productive period may be extended as much as possible.

We recommend sowing ten pounds of mixed clovers to the acre in addition to the under-noted mixtures. Special Mixtures for Light, Medium and Heavy Soils. 10 lbs. \$3, 100 lbs. \$25.

W. & D.'S RECLEANED CLOVER SEEDS (PRICES SUBJECT TO CHANGE)

	Quantity to acre	Lb.	100 lbs
ALFALFA, or LUCERNE (<i>Medicago sativa</i>). Very valuable not only as a forage crop, but as a soil-enricher, and is relished above all other forage crops by stock. To grow Alfalfa it is important to select deep, loamy, well-drained land.	30 to 40	\$0 40	\$35 00
ALSIKE CLOVER (<i>Trifolium hybridum</i>). This is the hardiest of all Clovers, resists cold and wet, and can be cut several times in a season. Excellent for bees.	15	45	43 00
CRIMSON, or SCARLET CLOVER (<i>Trifolium incarnatum</i>). An annual of rapid growth and great value where only one crop is desired. Excellent for a cover-crop in the orchard, or for plowing under to improve poor soils.	20	35	32 00
BOKHARA CLOVER (<i>Melilotus alba</i>). Will grow on very poor soils; excellent for plowing under as green manure; also valuable for bees.	15	40	35 00
RED CLOVER, MEDIUM (<i>Trifolium pratense</i>). By far the most important of all varieties for the practical purposes of agriculture.	15	45	43 00
RED MAMMOTH, or PEA VINE CLOVER (<i>English Cow Grass</i>). Grows larger and lasts longer than the Medium Red. Valuable for plowing under.	15	50	48 00
WHITE CLOVER (<i>Trifolium repens</i>). This variety is of a dwarf, compact habit, spreads rapidly and is very hardy. Usually included in lawn grass mixtures. It makes an excellent turf that stands constant tramping.	10	80	75 00
MIXED CLOVER	15	55	53 00

GRIMM ALFALFA

This strain originated in Northern Minnesota and is now being extensively grown. After extensive trials at various Experimental Stations, it has been found to be more productive and hardier than any other variety.

Lb. \$1.00, 100 lbs. \$90.00.

TRY GOLDEN NUGGET FIELD CORN, THE BEST FLINT VARIETY

GENERAL LIST OF GRASSES

PRICES SUBJECT TO CHANGE

	Lbs. to the bus.	Lb.	Bus.	100 lbs.
AWNLESS BROME GRASS (<i>Bromus inermis</i>). A forage plant of the utmost importance, particularly in dry and southern sections; yields enormously.....	14	Price on Application		
BERMUDA GRASS (<i>Cynodon Dactylon</i>). Of great value for lawns in the South; does not thrive well north of Virginia.....	35	\$1 00		
CANADA BLUE GRASS (<i>Poa compressa</i>). A hardy perennial grass with creeping root-stalks forming a close turf; thrives on hard clay and poor soils.....	14	25	\$3 35	\$23 00
CREEPING BENT GRASS (<i>Agrostis stolonifera</i>). Of rapid growth and spreading habit; a wonderful grass for both putting-greens and lawns; will stand severe rolling and constant cutting.....	20	Price on Application		
CRESTED DOG'S-TAIL (<i>Cynosurus cristatus</i>). Thrives well on almost any soil; used both for lawns and pastures, and will stand severe drought.....	30	45	12 75	40 00
ENGLISH RYE GRASS (<i>Lolium perenne</i>). An invaluable grass for both lawns and permanent pastures; grows freely on any soil, and is very nutritious. A good showing can be made within a month from time of sowing.....	24	22	5 00	20 00
FINE LEAVED SHEEPS FESCUE (<i>Festuca ovina tenuifolia</i>). This grass, being remarkable for the fineness of its leaves, is well adapted for lawns and putting-greens.....	20	Price on Application		
HARD FESCUE (<i>Festuca duriuscula</i>). A dwarf-growing, hardy grass of great value; succeeds in dry situations and is found in all the best lawns and permanent pastures.....	14	Price on Application		
HUNGARIAN GRASS (<i>Panicum Germanicum</i>). This is a species of millet, growing less rank, with smaller stalks, often yielding two to three tons of hay per acre. Relished by all kinds of stock. Sow one bushel to the acre. (Price variable).....		Market Price		
ITALIAN RYE GRASS (<i>Lolium Italicum</i>). A variety unequalled for producing an abundance of nutritious feed in the early Spring as well as throughout the season; of very quick growth; not a perennial, but used in small quantities to assist the other grasses during the first year.....	20	25	4 75	22 00
KENTUCKY BLUE GRASS (<i>Poa pratensis</i>). One of the most valuable of our grasses, thriving well on almost any soil; its densely creeping root-stalks, spreading habit and fine texture render it one of the best sorts for lawns. A true perennial, very productive and nutritious.....	14	45	6 00	43 00
MEADOW FESCUE (<i>Festuca pratensis</i>). A valuable grass for permanent pasture; it succeeds best in cold, moist, light soils; very nourishing and much relished by cattle.....	22	40	8 50	38 00
MEADOW FOXTAIL (<i>Alopecurus pratensis</i>). Should be included in all permanent pasture mixtures; very early and stands the heat well.....	10	65	6 25	60 00
ORCHARD GRASS (<i>Dactylis glomerata</i>). One of the grasses most employed in permanent meadows; it can stand considerable shade, and is recommended for woodlands and under the trees on the lawn; it is hardy, productive and makes excellent hay.....	14	45	6 00	40 00
RED-TOP, UNHULLED (<i>Agrostis vulgaris</i>). A hardy, native perennial grass that accommodates itself to a variety of soils and stands our hot Summers admirably, remaining green for the greater part of the year.....	14	18	2 25	15 00
RED-TOP, FANCY RECLEANED . Same as above only that it is absolutely clean and free from chaff..	32	28	8 45	25 00
RED, or CREEPING FESCUE (<i>Festuca rubra</i>). (New Zealand Grown). A creeping-rooted grass, forming a close and lasting turf, and especially adapted for dry, sandy soils; it is valuable for shady places in the lawns as well as for golf-courses.....	25	60	14 75	58 00
RHODE ISLAND BENT (<i>Agrostis canina</i>). Resembles Red-Top, but is of dwarfer habit, with shorter and narrower leaves. It makes a beautiful, close, fine turf and adapts itself to all soils. It is one of the best grasses for lawns and putting-greens.....	14	Price on Application		
SHEEP'S FESCUE (<i>Festuca ovina</i>). Thrives on dry uplands and in poor, shallow, gravelly soils where other grasses would fail. Very vigorous and a great drought-resister.....	14	Price on Application		
SWEET VERNAL (<i>Anthoxanthum odoratum</i>). True Perennial. Valuable on account of its early growth; it is very fragrant and imparts an exceedingly pleasant odor when mixed with the other grasses and used for hay.....	10	85		
TALL OAT GRASS (<i>Avena elatior</i>). Valuable for pasture on account of its early and luxuriant growth. It is very hardy and withstands extreme drought.....	10	45	4 30	40 00
TIMOTHY (<i>Phleum pratense</i>). A most valuable grass for hay. It is often sown with Red-Top and Red Clover, and the nutritive value of the hay is greatly increased by this mixture. If sown alone, one-half bushel to the acre should be used.....	45	18	7 50	16 00
WOOD MEADOW GRASS (<i>Poa nemoralis</i>). Well adapted for growing under trees and shaded situations; permanent and hardy, resisting extremes of heat and cold.....	14	Price on Application		

Owing to the unsatisfactory reports we are receiving from our growers, the prices quoted on Field Corn are liable to fluctuate. The following prices are as near as we can estimate at the time of going to press with this catalogue.

GOLDEN NUGGET FLINT CORN

W. & D.'s SELECTED STRAIN

The king of Flint varieties. Unsurpassed for earliness, perfection of ear and productiveness.

Our Selected Strain of Golden Nugget is superior to all other sorts and we regard it in every respect as the best Flint Corn ever sent out. It is the most prolific variety known, and is especially valuable to the farmer, not only for its enormous producing qualities, but also for its perfect ear and grain.

The handsome ears average from 12 to 15 inches in length and are filled right out to the tip with large, deep kernels of a beautiful golden yellow color.

The stalks grow from 6 to 8 feet high. It matures in seventy-five to eighty days from time of planting, and is therefore of the greatest value to northern farmers where in most seasons only eighty to ninety days of good corn-growing weather can be relied upon.

Pk. \$1.75, bus. \$6.00, 10 bus. and over at \$5.75 per bus.

OTHER VARIETIES OF FLINT CORN

CANADA EARLY YELLOW. A popular early eight-rowed variety, with deep grain and small cob.

Pk. \$1.40, bus. \$5.00.

KING PHILIP. Early. Coppery red; large and handsome ears.

Pk. \$1.40, bus. \$5.00.

LONGFELLOW. The ears are long, with small cob; kernels large and broad; very prolific.

Pk. \$1.40, bus. \$5.00.

SANFORD WHITE FLINT. Medium-sized ears, with large silvery white kernels.

Pk. \$1.40, bus. \$5.00.

DENT VARIETIES

W. & D.'S IMPROVED LEAMING. Our strain of this popular variety has been carefully selected, and is a great improvement on the original. Grows tall, producing two long, perfect ears to the stalk; small red cob, rich golden grains.

Pk. \$1.40, bus. \$5.00.

EUREKA. A magnificent early yellow Dent Corn. The ears measure from 12 to 14 inches in length and contain from eighteen to twenty-two rows of beautiful, deep yellow grains. An extraordinarily heavy yielder.

Pk. \$1.40, bus. \$5.00.

EARLY MASTODON. The earliest large-eared yellow Dent Corn; has been known to ripen in 96 to 100 days; it is a heavy yielder and of fine quality.

Pk. \$1.40, bus. \$5.00.

KING OF THE EARLIES. A very early-maturing variety of yellow Dent Corn. The stalks are slender, growing about 6 feet in height, producing one or two ears to a stalk. The ears are of medium size, well filled with slender but deep grains.

Pk. \$1.40, bus. \$5.00.

QUEEN OF THE PRAIRIE (Pride of the North). Excellent for short, cool seasons. The ears are from 8 to 10 inches in length, and have from fourteen to sixteen rows of deep yellow grains.

Pk. \$1.40, bus. \$5.00.

SILVER MINE WHITE DENT. One of the best-yielding white Dent Corns. The ears are filled with large, smooth, snow-white kernels, and measure from 9 to 12 inches in length.

Pk. \$1.40, bus. \$5.00.

Eight quarts will plant an acre in hills; 3 bushels will sow an acre broadcast, or half that quantity in drills

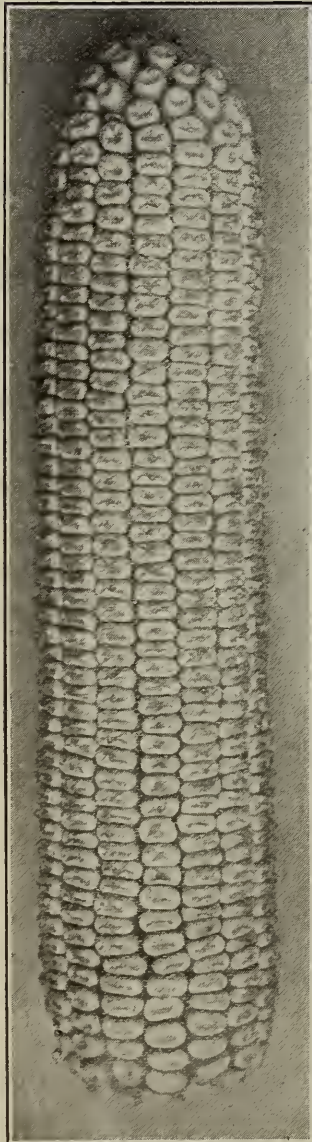
ENSILAGE AND FODDER CORN

SWEET FODDER. Succulent and nutritious for feeding green.

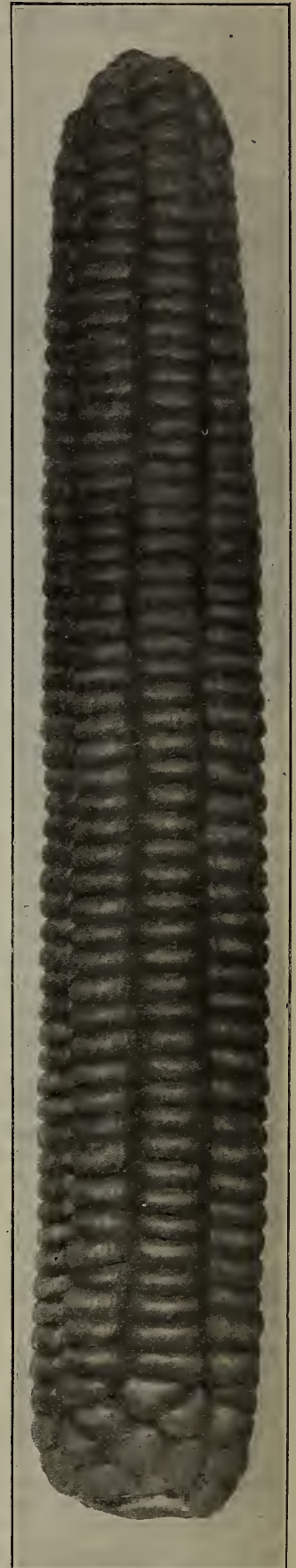
Pk. \$1.40, bus. \$5.00.

SOUTHERN HORSE TOOTH. A large, leafy grower, especially valuable for ensilage.

Pk. \$1.40, bus. \$5.00.



Improved Leaming Dent Corn



Golden Nugget Flint Corn

Messrs. Weeber & Don, New York City.
Gentlemen: I raised 308 bushels of your Golden Nugget Field Corn on 3 1/3 acres, and it is the finest, largest and best corn in this County, or I am safe in saying, in the State. No trouble to sell every ear for seed. Very truly yours,

L. H. WHITNEY, Bethel, Conn.

The above testimonial is one of many we have on file, in praise of our Golden Nugget Corn. W. & D.



Storm King Oats

SEED OATS

W. & D.'s Selected Storm King

Produces 60 to 70 Bushels per acre

The seed of this handsome variety was originally imported, but it has been grown in this country for a number of years and is now thoroughly acclimated. The straw is long and stout and does not easily lodge. The grain is short, plump, heavy and of the highest feeding value; produces from 60 to 70 bushels to the acre. We recommend Storm King to every farmer who desires a reliable and profitable variety.

Standard bus. (32 lbs.) \$2.75. 10-bus. lots and over, \$2.50 per bus.
Clydesdale (American-grown). A popular sort; early and productive.

Standard bus. (39 lbs.) \$2.00. 10-bus. lots and over, \$1.75 per bus.
White Tartar. A fine and productive variety, with heavy, white, plump grains borne in close, compact, branching heads. It is extremely early and does well on any good farm land.

Standard bus. (32 lbs.) \$2.75. 10-bus. lots and over, \$2.50 per bus.



Hungarian Millet

BARLEY

Sow 2 to 2½ bushels to the acre

Vermont Champion. Two-rowed; hardy, prolific and early.

Pk. 85 cts., bus. (48 lbs.) \$3.00

Beardless. Large heads, free from beards. **Pk. 85 cts., bus. \$3.00**

RYE

Sow 1½ to 2 bushels to the acre

Spring. An excellent catch crop for fodder or grain. **Bus. (56 lbs.) \$4.00**

Mammoth Winter. Heavy heading and productive, tall, strong straw. **Bus. (56 lbs.) \$4.50**

WHEAT, SPRING

Marquis (Beardless). Vigorous, productive and early. Sow 1½ bushels per acre. **Bus. (60 lbs.) \$5.00, subject to change.**

WHEAT, WINTER

Gold Coin (Beardless). The head is long and compactly filled with choice white grain; very productive. **Bus. (60 lbs.) Market Price**

Jones' Red Wave (Beardless). Considered the best and most productive variety in cultivation. Heads very long and broad, filled with medium long, large, hard, dark kernels. Straw, golden, medium height, stocky and strong. **Bus. (60 lbs.) Market Price**

Jones' Bearded Longberry. A grand variety and one of the most productive, hardy and profitable sorts; the straw is wiry, sturdy and of good length, and does not lodge. The heads are long, wide and exceptionally well filled; bearded and of a rich brown shade. **Bus. (60 lbs.) Market Price**

Rural New Yorker (Bearded). The straw is unusually tall and strong, with compact heads. The kernels are of medium size and of an attractive color, between red and amber. It succeeds and produces heavy crops on poor, thin land. **Bus. (60 lbs.) Market Price**

MILLET

Nothing pays better for a stock-raiser and dairyman than a few acres of millet. It is of the greatest value as a milk-producer, and yields double the quantity of hay per acre as timothy and clover. Greatly relished by stock.

Hungarian. Sow one bushel to the acre. Also called Hungarian Grass; popular for Summer forage purposes; it grows well on light soil and withstands heat and drought; valuable as a catch-crop for hay, and may be sown up to August.

Bus. (48 lbs.) Market Price

German, or Golden. Sow one bushel to the acre. Larger and heavier than the Hungarian and yields a much heavier crop, but is later. Should be sown in this latitude not later than July 4.

Bus. (50 lbs.) \$3.50

Japanese. Sow eighteen pounds to the acre broadcast; ten to twelve pounds in drills. The well-known Barnyard Grass. (*Panicum Crus-galli*). A distinct, quick-growing variety, valuable for forage and ensilage. It attains a height of 6 to 8 feet, and yields from ten to eighteen tons of green fodder per acre. If required for dried fodder it should be cut as soon as the heads have formed. It is relished by stock and is often preferred by horses to timothy and clover.

Lb. 15cts., 10 lbs. \$1.20, 100 lbs. \$10.00

Pearl. Sow twenty-five pounds to the acre broadcast; five pounds to the acre in drills 3 feet apart. A valuable fodder plant, and can be cut several times during the season. Not so hardy as other Millet but produces enormous crops. **Lb. 25cts., 100 lbs. \$20.00**

MANGEL-WURZEL

An invaluable crop for stock-feeding; highly relished by cattle, increasing the yield of milk cows. Sow from April to June, on well cultivated, deep, rich soil, in drills 24 to 30 inches apart; six to eight pounds of seed are required for an acre.

Leviathan Long Red. The largest and heaviest cropper of all the large red sorts. It grows well out of the ground, and is easily harvested; very popular on account of its nutritious and milk-producing qualities. Our seed is produced from selected roots.

Champion Yellow Globe. Large, globular roots; skin rich orange yellow. A good keeper, and adapted for shallow soils.

Golden Tankard. A smooth, yellow-fleshed variety. The roots are of large diameter, tapering quickly. An enormous yield, and will bear close planting.

SUGAR BEETS

Sow 6 to 8 pounds to the acre

Lane's Imperial. An improved variety; hardy and productive; contains a large percentage of sugar.

White Sugar. Very large.

Klein Wanzleben. A popular sort; roots conical, straight and even.

SOJA BEANS

Plant $\frac{3}{4}$ Bus. per acre in drills $2\frac{1}{2}$ feet apart

The use of this crop is increasing everywhere. Soja Beans make a larger growth than Cow Peas and can be cut and cured to better advantage. They also furnish a richer and more fattening feed than the Peas since they contain larger amounts of oil and protein. These properties make Soja Beans particularly valuable as a feed for milk cows and as a general forage crop.

Mammoth Yellow. Bus. (60 lbs.) \$8.50

Early Green. Bus. (60 lbs.) 8.50

VELVET BEANS

Largely grown in the South and used as a fertilizing plant for turning under. Both vines and pods are eaten by live-stock, and the Beans can be ground either with or without the pods and fed instead of corn or oats, or can be mixed with them.

Bus. \$8.50

BUCKWHEAT

Sow 1 Bushel to the acre

Japanese. Excels all other varieties in yield and earliness and can be grown farther north than any other sort. Large grain and an enormous yield.

Bus. (48 lbs.) \$4.00

COWPEAS

Specially adapted to warm climates; also valuable in this latitude as a forage plant; their chief value, however, is as a green crop to plow under. The seed should not be sown until the ground has become well warmed.

Sow 1 bushel to the acre in drills; 2 to $2\frac{1}{2}$ bushels broadcast

Whippoorwill. A popular early variety; very productive, and largely grown as a soil-improver.

Bus. \$8.00

Clay. So called from the color of the seed; adapted to the northern states.

Bus. \$8.00

New Era. An early-maturing variety of quick, upright growth; cures easily and makes a splendid dry forage.

Bus. \$8.00

Black Eye. Valuable for green Summer feeding.

Bus. \$8.00

CANADA FIELD PEAS

Sow $1\frac{1}{2}$ Bushels to the acre

Valuable for northern climates for cattle feeding. The most satisfactory method of sowing is with oats or rye. Quite hardy and may be sown early in the Spring, will be ready to cut in May or June.

Bus. (60 lbs.) \$8.00



Dwarf Essex Rape



Soja Beans

WINTER VETCH (VICIA VILLOSA)

Also called Sand or Hairy Vetch. Produces good crops on poor sandy soils, though it is much more vigorous on good land. It is perfectly hardy, remaining green all Winter, and should be sown during August and September, mixed with rye, which serves as a support for the plants. Seed should be sown broadcast at the rate of one and one-half bushels to the acre, or one bushel with one-half bushel of rye.

Lb. 30 cts., 100 lbs. \$32.00

SPRING VETCH (VICIA SATIVA)

One of the most valuable of our field crops for use as a green manure. The seed is frequently sown with oats, but the usual custom is to sow alone at the rate of two bushels to the acre, broadcast. When grown with oats it makes an excellent green food for stock.

Lb. 15 cts., 100 lbs. \$12.00

DWARF ESSEX RAPE

Largely grown as a fattening food for sheep in the Autumn. It is also especially desirable for pasturing hogs during the Summer months. In the Northern States seed may be sown at any time, from early spring until the end of August. Sow ten to twelve pounds to the acre broadcast, or four to five pounds to the acre in drills 15 inches apart.

Lb. 22 cts., 100 lbs. \$20.00

MAMMOTH RUSSIAN SUNFLOWER

Valued by all farmers and poultry-breeders who have tried it, as an excellent and cheap food for fowls. Fowls eat it greedily and attain a stronger and healthier condition than on any other food. The leaves make a capital fodder. Sow five pounds to the acre.

Lb. 15 cts., 100 lbs. \$12.00

SUDAN GRASS

Very closely related to the sorghum family, is a native of Sudan, Egypt, where it has withstood hot winds and drought for years. Under these wide and varied climatic conditions the results were so satisfactory that it is not only destined to be one of our greatest hay and forage plants, but is already firmly established as such. Sow 30 lbs. per acre broadcast.

Lb. 50 cts., 100 lbs. \$45.00

MISCELLANEOUS FARM SEEDS

BROOM CORN. Evergreen. Sow 8 to 10 lbs per acre. Free from crooked brush and remains green. Lb. 10 cts., 100 lbs. \$7.00

KAFFIR CORN. Sow 8 to 10 lbs. per acre.

White. Excellent fodder plant, green or dried, and the grain is valuable for feeding poultry. 4 to 6 feet. Lb. 10 cts., 100 lbs. \$8.00

Red. Taller than white; leafy and juicy; grain good for poultry. Lb. 10 cts., 100 lbs. \$8.00

SAINFOIN. Sow 3 to 4 bus. per acre. An excellent and nutritious fodder plant for light, dry, sandy or gravelly soils. Lb. 15 cts., 100 lbs. \$12.00

SORGHUM, or SUGAR CANE. Sow 8 to 10 lbs. per acre.

Early Orange. Valuable for green fodder; of large, heavy growth, but later than Amber. Lb. 10 cts., 100 lbs. \$8.00

Early Amber. Productive and nutritious forage plant, yielding several cuttings in a season. Earlier than Orange; may be grown in northern States. Lb. 10 cts., 100 lbs. \$8.00

TEOSINTE. Sow 6 to 8 lbs. per acre. Resembles Corn, but more leafy and taller enormously; fine for green fodder. $\frac{1}{4}$ lb. 25 cts., 1b. 80 cts.

Seeds of Greenhouse Plants

Our Flower Seed packets contain a liberal portion of fresh seeds which have been carefully tested. Full cultural directions are printed on each packet.

FOR NOVELTIES, SEE PAGE 4

ABUTILON HYBRIDUM MAXIMUM

Flowering Maple

Bright, bell-shaped flowers of large size, mostly borne upwards. Excellent pot plants and of great value for Summer bedding. New giant-flowering, finest mixed. Pkt. 25 cts.

ARALIA SIEBOLDII

An elegant greenhouse plant, with broad, glossy, green leaves; fine for home adornment. Pkt. 25 cts., 100 seeds \$1.50.

ASPARAGUS

Plumosus nanus. Graceful, feathery green foliage; extensively grown by florists. Pkt. 25 cts., 100 seeds \$1.

Sprengerl. Drooping foliage; adapted for hanging baskets or cutting. Pkt. 15 cts., 100 seeds 75 cts.

BEGONIA HYBRIDA. Tuberous-Rooted

W. & D.'S GIANT INTERNATIONAL PRIZE, SINGLE, MIXED. This is an unrivaled strain, the seed having been saved only from the best selected blooms of the finest, large-flowered hybrids. Pkt. 50 cts.

NEW CRESTED, or BEARDED. Choice mixed. This superb class has been much admired since its introduction. The flowers are very large, with flat petals, which are beautifully crested. Pkt. 50 cts.

W. & D.'S EXTRA CHOICE, DOUBLE, MIXED. Fertilized with scrupulous care and saved exclusively from an unequaled collection of the finest and newest varieties. Pkt. 75 cts.



W. & D.'S SELECTED CALCEOLARIA

BROWALLIA. Amethyst

Handsome, profuse-blooming plants, highly prized for bedding and pot culture.

Roezlii. Large flowers, white and pale blue. Pkt. 25 cts.
Speciosa major. Clear blue; Winter blooming. Pkt. 25 cts.

CALCEOLARIA

Ornamental greenhouse plants bearing numerous pocket-like, brilliant, self-colored and handsomely spotted flowers. The strains listed here are the finest in existence.

W. & D.'S SELECTED STRAIN. Saved only from the finest, compact, largest-flowering and most beautifully marked varieties. This strain cannot be surpassed. ½ pkt. 60 cts., pkt. \$1.

JAMES' PRIZE. Saved from Mr. James' celebrated collection. Flowers of large size, varied colors, and most brilliant and beautifully marked, including self-colored, spotted, blotched and laced varieties. Pkt. 75 cts.

SUPERBA. Tigered and self-colored, mixed. Pkt. 50 cts.

RUGOSA (Shrubby). Choice dwarf bedding varieties, mixed colors. Pkt. 50 cts.

CELOSIA

PYRAMIDALIS PLUMOSA HYBRIDA, "Pride of Castle Gould." A highly perfected strain saved from pot-grown plants, including blood-red, carmine, golden yellow, salmon, dark orange and wine color. Especially recommended for pots. Pkt. 30 cts.

CHRYSANTHEMUM

COMTESSE DE CHAMBORD (Golden Paris Daisy). The true Golden Marguerite, a favorite flower; tender perennial. Pkt. 20 cts.



BEGONIA

ALL FLOWER SEEDS ARE SENT POSTPAID AT PRICES GIVEN

SEEDS OF GREENHOUSE PLANTS (Continued)

CINERARIA HYBRIDA GRANDIFLORA

Our strains of these favorite flowers are of acknowledged superiority and distinguished by the splendid range of colors.

W. & D.'S EXTRA-SELECTED COMPACT AND SEMI-DWARF PRIZE. This strain of Cineraria cannot be excelled. The plants are of compact growth, fine, clearly cut, healthy foliage. The flowers are perfect in form, borne in the greatest profusion, and embrace in color all the most desirable shades.

½ pkt. 60 cts., pkt. \$1.

LARGE-FLOWERED, FINEST MIXED. (James & Weatherhill's Superb Show Varieties). A famous English strain; semi-dwarf.

Pkt. 75 cts.

GRANDIFLORA STELLATA (Star Cineraria). Delicate star-like blooms, borne in greatest profusion on long stems; excellent for cutting and decorative purposes.

Pkt. \$1.

W. & D.'S CACTUS-FLOWERED MIXED. Large flowers with narrow twisted and fluted petals. Very decorative for the greenhouse and conservatory.

Pkt. \$1.

SEPARATE COLORS

LARGE-FLOWERED WHITE. Pure and very large.....	Pkt. \$0.75
LARGE-FLOWERED DARK BLUE. Very rich color. ...	.75
LARGE-FLOWERED AZURE BLUE......	.75
LARGE-FLOWERED PINK. A beautiful shade of old-rose pink.....	.75
LARGE-FLOWERED DEEP SCARLET......	.75
MARITIMA, DIAMOND (Dusty Miller). H. A. Broad, snow-white foliage; excellent for edging or bedding.....	.10

CLARKIA ELEGANS

Hardy Annual

W. & D.'S PRIZE VARIETIES

Popular and very showy plants for pot culture and bedding; 2 feet. **SCARLET BEAUTY.** Flowers brilliant salmon scarlet, fully double, and produced in long sprays. Indispensable for the garden and greenhouse.

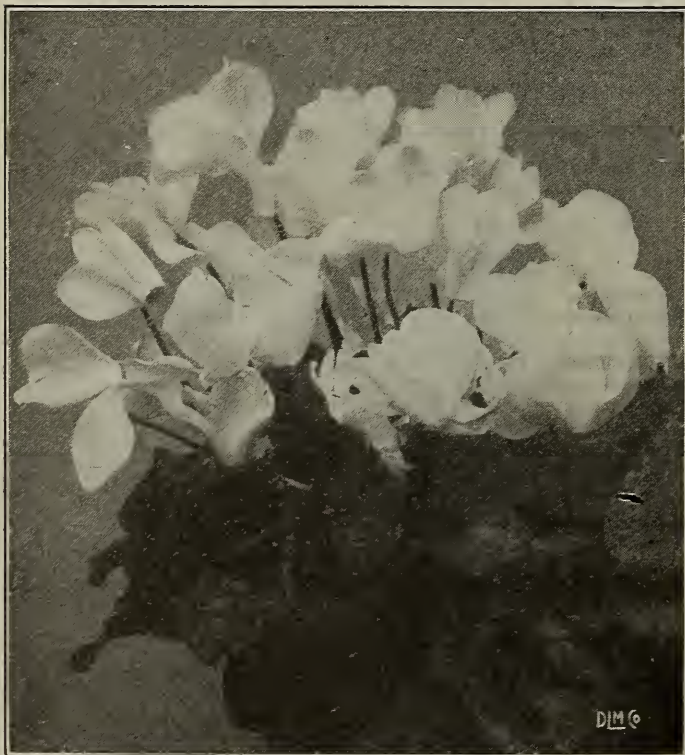
Pkt. 15 cts.

FIREFLY. Vivid crimson scarlet, exceptionally double. **Pkt. 15 cts.**

CHAMOIS QUEEN. Delicate pale chamois; very double.

Pkt. 15 cts.

SALMON QUEEN. Beautiful salmon pink; double. **Pkt. 15 cts.**



W. & D.'S SUPERB GIANT PRIZE CYCLAMEN
WHITE PERFECTION



W. & D.'S SELECTED PRIZE CINERARIA

CLERODENDRON FALLAX

A beautiful pot plant; large spikes of scarlet flowers. **Pkt. \$1.**

COLEUS

W. & D.'S LARGE-LEAVED HYBRIDS. Very rich and choice strain; large, superbly variegated foliage. **Pkt. 25 cts.**

CYCLAMEN

W. & D.'S SUPERB GIANT PRIZE VARIETIES

To those who really want the best we recommend the following strains with all confidence as the largest and most improved of all Giant-flowering Cyclamen. The seed we offer has been saved for us in England by a specialist, only from his choicest, largest-flowering and most perfect plants, and therefore cannot fail to produce flowers of the finest substance.

Pkt. 100 Seeds

WHITE PERFECTION. Pure white.....	\$0.75	\$1.50
AIGBURTH CRIMSON. Intense crimson.....	.75	1.50
LILAC. Beautiful lilac-rose.....	.75	1.50
PRINCESS MAY. White, with rose tip.....	.75	1.50
PEACH BLOSSOM. Delicate pink.....	.75	1.50
ROSY MORN. Delicate rose.....	.75	1.50
SALMON. Distinct and beautiful.....	.75	
CHOICE MIXED.....	.50	1.50

CYPERUS ALTERNIFOLIUS. Umbrella Plant

Excellent for growing in water and damp places; also very ornamental as a pot plant. This is one of the most graceful of all house plants, with slender, stiff stems bearing at their tips a whorl of long, slender leaves, surmounted by a cluster of small, green, inconspicuous flowers.

Pkt. 25 cts.

DRACAENA

AUSTRALIS. Broad leaves; fine pot plant. **Pkt. 25 cts.**

INDIVISA (Cordylina). Long, slender leaves.

Oz. 50 cts., pkt. 10 cts.

VEITCHII. Variegated leaves; very ornamental. **Pkt. 25 cts.**

FERN SPORES OR SEEDS

Greenhouse varieties, mixed. The finest house plants. **Pkt. 25 cts.**

FRANCOA RAMOSA HYBRIDA. Bridal Wreath

Pure white flowers on long, branching spikes; splendid pot plant and of great value for every kind of decoration. **Pkt. 25 cts.**

FUCHSIA. Ladies' Eardrops

Single and double hybrids. Well-known pot plants, also used for bedding out in Summer. They require very rich soil and plenty of liquid manure. Splendid mixed. **Pkt. 50 cts.**



W. & D.'S IMPROVED GIANT MIXED GLOXINIAS

SEEDS OF GREENHOUSE PLANTS (Continued)

GERBERA JAMESONI HYBRIDA

Transvaal Daisy. Half-Hardy Perennial

Gorgeous flowers, with narrow petals pointed at the end, borne on long, strong stems; the colors range from pure white, through shades of yellow, orange, salmon, rose, cerise, scarlet, crimson and violet. Need a sheltered place in the garden. They are extensively used for Winter forcing. **Pkt. 50 cts.**

GREVILLEA ROBUSTA. Silk Oak

Decorative plants, easily raised from seed and of remarkably rapid growth; graceful, evergreen, fern-like foliage. **Pkt. 15 cts., 1/2 oz. \$1.**

GLOXINIA

Splendid pot plants, producing magnificent flowers of richest colors; one of the most popular flowering plants for conservatory or greenhouse.

W. & D.'S IMPROVED GIANT MIXED. A beautiful and greatly perfected strain of truly giant-flowering Gloxinias, with blooms measuring 4 to 5 inches in diameter, and including self-colors, spotted and marked sorts; they bloom readily and are particularly impressive owing to their extremely large flowers and beautiful display of colors. **Pkt. \$1.**

W. & D.'S ERECT-FLOWERING. Extra choice mixed. Finest spotted and self-colored varieties saved from a prize collection. **Pkt. 50 cts.**

GLOXINIA BULBS. See Bulbs. Page 110.

W. & D.'s FORCING MIGNONETTE

"Matchless"

A highly perfected and unequalled strain of Mignonette for greenhouse forcing; of robust and vigorous growth, producing immense, well-formed spikes of deliciously fragrant flowers. When we say *unequalled*, we mean that there is no strain, no matter by whom offered, that can compare with our "Matchless" in perfection, length and thickness of its spikes and general health and vigor of the plants. **Pkt., containing 150 seeds, \$1.**

MYOSOTIS. Forget-Me-Not

VICTORIA. Sky blue. **Pkt. 15 cts., 1/4 oz. \$1.**

SUTTON'S ROYAL BLUE. Deep blue.

Pkt. 15 cts., 1/4 oz. 75 cts., oz. \$2.00.

RUTH FISCHER. Largest flowering and best for pots. **Pkt. 50 cts.**

W. & D.'s American Show Pansies

Awarded First Prize at the New York International Flower Show, 1914, 1915 and 1916.

W. & D.'S AMERICAN SHOW PANSIES are the world's best in size, form and coloring, and by far the largest of all giant-flowering strains. The plants are full of vigor, the blooms immense, perfect in form, handsomely marked and of great substance.

Pkt. 50 cts., 1/8 oz. \$2.50, 1/4 oz. \$4.50

PRIMULA

PRIMULA SINENSIS FIMBRIATA

Chinese Giant Fringed Primrose

Chinese Primroses are splendid pot-plants for the greenhouse and conservatory, and are quite easily raised from seed. Sown in February, plants will be in full bloom the following Christmas. The flowers of our **New Giant** varieties average from 4 1/2 to 6 inches in circumference, and are remarkable not only for size, but for the great substance of the petals. Unfortunately the Giant Primulas do not seed freely and are, therefore, more expensive; but they are so much superior to the ordinary fringed varieties that those who have grown our Giant strain are convinced that they are well worth the money.

GIANT-FLOWERED SINGLE FRINGED VARIETIES

	Pkt.
GIANT BLUE.....	\$1 00
GIANT PINK.....	1 00
GIANT RED.....	1 00
GIANT SALMON.....	1 00
GIANT WHITE.....	1 00
GIANT, MIXED.....	75
ORANGE KING. A grand new variety. The buds are beautiful rich orange, and when fully expanded the petals are orange salmon, shaded with terra cotta, a color never before seen in Primulas.....	75

LARGE-FLOWERED DOUBLE-FRINGED VARIETIES

DOUBLE, WHITE.....	\$1 00
DOUBLE, ROSY PINK.....	1 00
DOUBLE, BRILLIANT RED.....	1 00
DOUBLE, FINEST MIXED.....	1 00

PRIMULA STELLATA, or STAR PRIMULA

A free-flowering type of Chinese Primroses with large, star-shaped flowers; useful alike for cutting or as a pot plant.

	Pkt.
WHITE STAR.....	\$0 75
SALMON-PINK.....	75
RED STAR.....	75
BLUE STAR.....	75
IMPROVED FINEST MIXED.....	75

SEEDS OF GREENHOUSE PLANTS (Continued)

PRIMULA OBCONICA GIGANTEA

Everblooming Primroses are certainly the most useful of all for greenhouse decoration. - The strains offered here are the largest-blooming and most perfected; the flowers are nearly twice as large as those of the old types, with many new and exquisite colors.

GIGANTEA ALBA. White.....	Pkt. \$0 40
GIGANTEA KERMESINA. Crimson.....	50
GIGANTEA ROSEA.	50
GIGANTEA RUBRA. Dark red.....	50
GIGANTEA HYBRIDA, FINEST MIXED.	35
GIGANTEA HYBRIDA FIMBRIATA, GIANT FRINGED MIXED.	50

PRIMULA MALACOIDES

A pretty new type of Primula introduced from China about three years ago. It may be called a giant "Baby Primrose," and is so charming and free flowering that it is already widely cultivated. The seedlings bloom in four months from sowing; this quick growth, combined with the rare grace and general beauty of the plant will bring the Primula malacoides into vogue as a greenhouse and indoor plant.

MALACOIDES. Light lilac.....	Pkt. \$0 25
MALACOIDES ALBA. Pure white.....	30
MALACOIDES ROSEA. New.....	35
MALACOIDES SUPERBA. Deep rosy pink; a new and improved variety; flowers larger and much deeper in color than the old Malacoides.....	50
PRIMULA KEWENSIS. Bright yellow and fragrant blooms produced in whorls along the entire length of the stem; almost as free flowering as Obconica, and a fine pot plant....	50

SCHIZANTHUS.

W. & D.'S IMPROVED STRAIN. Well-known, compact strain; charming long and profuse blooming hybrids, chiefly light shades—white, buff and rose grounds with markings and colors of a fancy Pelargonium..... **Pkt. 50 cts., 1-32 oz., \$2.**

SMILAX. Myrsiphyllum asparagoides

Pkt. 10 cts., 1/4 oz. 25 cts.

SOLANUM CAPSICASTRUM. Jerusalem Cherry

Half-Hardy Perennial

Ornamental fruit-bearing plants, covered with scarlet fruit during the Winter..... **Pkt. 15 cts.**

STEVIA SERRATA

Pure white, graceful spikes of tiny flowers; excellent for bouquets; 2 ft. **Pkt. 15 cts.**

Winter-Flowering Christmas Sweet Peas

These usually bloom in about twelve weeks from the time the seed is planted, and are mostly used for forcing. Started under glass about September 1st, they begin flowering at Thanksgiving, and are in full bloom by Christmas. **Pkt.**

Christmas Spencer or Winter Orchid-Flowering Sorts

NOVELTIES FOR 1918

ZVOLANEK'S BRITANNIA. Scarlet crimson; very, early flowering. The vines are covered with largest flowers all Winter.....	Pkt. \$1 00
BLACK LADY (Zvolanek). Dark maroon of the largest size.....	1 00
EARLY MORNING STAR. Bright orange-rose Spencer....	50
EARLY SONGBIRD. Light pink on white Spencer.....	50
EARLY MELODY. Rose pink on white Spencer.....	50
EARLY SPRING MAID. Light pink on cream Spencer....	50
EARLY SNOWFLAKE. White Spencer.....	50
EARLY HEATHERBELL. Mauve lavender Spencer.....	50

'VARIETIES OF RECENT INTRODUCTION

BRIDAL VEIL. Frilled; pure white; very large.....	50
LAVENDER ORCHID. Clear lavender.....	50
MRS. A. A. SKAACH. Clear pink, darker than Countess..	50
MRS. J. S. MANDA. Delicate pink; double.....	50
MRS. M. SPANOLIN. Pure white; double; black seed.....	50
ORANGE ORCHID. Orange, wings dark salmon rose.....	50



PRIMULA MALACOIDES

TORENIA

Tender Annual

Beautiful, free-flowering, tender annuals; splendid pot plants and much used in vases and hanging baskets. Neat little bushy plants; are completely covered with delicate Orchid-like flowers.

BAILLONI. Golden yellow, with purple throat.	Pkt. 25 cts.
FOURNIERI GRANDIFLORA. Sky blue, with three large blue spots and a bright yellow throat.	Pkt. 25 cts., 1/2 oz. \$1.50.
FOURNIERI, WHITE WINGS. Blush white, with yellow throat; very beautiful.	Pkt. 25 cts., 1/2 oz. \$1.50.

ORCHID BEAUTY. Dark rose pink, with orange blush....	\$0 50
RED ORCHID. Red; very fine shape; large and free bloomer.	50
PINK AND WHITE ORCHID.	50
THE CZAR. Most the same as the Christmas Pink, only the standards being of magenta pink and the wings light pink.....	50
WHITE ORCHID. Pure white; extra fine.....	50
YARAWA. Bright rose pink; wings light pink, exquisitely waved and very large.....	oz. \$1.25 50
VENUS. White ground, beautifully edged with blush pink..	50

WINTER-FLOWERING GRANDIFLORA VARIETIES

	Pkt.	Oz.	1/4 lb.
ANGELINO. Self pink.....	\$0 10	\$0 30	\$1 00
CHRISTMAS PINK.	10	30	1 00
CHRISTMAS WHITE.	10	30	1 00
FLAMINGO. A fine scarlet.....	10	30	1 00
LE MARQUIS. Navy blue.....	10	30	1 00
METEOR. Scarlet.....	10	30	1 00
MRS. ALEX. WALLACE. Lavender.....	10	30	1 00
MRS. C. H. TOTTY. Sky blue.....	10	30	1 00
MRS. F. J. DOLANSKY. Salmon pink.....	10	30	1 00

SWEET PEAS FOR PROFIT (Under Glass and Outdoors) POSTPAID \$1.50

ASTERS—OUR GREAT SPECIALTY

HALF-HARDY ANNUALS

The greatest care and attention is bestowed upon the culture of our Asters for seed. Our strains are pure and of the highest perfection in regard to doubleness of flower, beauty of form and general habit of plant; in other words, the varieties we list can be depended upon to produce from seed the largest, finest and most perfect double flowers, true to color and their distinctive types. **Our Prize Asters are Absolutely the Best** the World knows today. Every one a gem, full of vigor, long-stemmed, extremely double and of immense size.

SPECIAL NOTE REGARDING W. & D.'s GRAND NEW ASTERS ALICE DON

This type proved so popular with our Customers that our sales during 1916 and 1917 exhausted all but our stock seeds. Our 1917 harvest having failed, we cannot supply seeds of Alice Don this season; but with reasonably favorable growing conditions during the coming summer we shall be in a position again to offer this splendid and remarkable Aster in our 1919 Catalog.



An Actual Photograph of a Bed of Our Giant Imperial Asters

GIANT IMPERIAL ASTERS

A Grand and Highly Perfected Type of American Asters. (Especially Recommended for Bedding.)

Wonderfully showy, midsummer flowering varieties of healthy, vigorous growth and upright, bushy habit, with extremely large and very double ball shaped flowers carried upright on long stiff stems. The petals are short and narrow, regularly and tightly placed and of durable and lasting substance. While splendid as cut flowers, we recommend this type especially for bedding, as they bloom very profusely, grow even in height and carry their blooms upright on stiff stems.

GIANT IMPERIAL SNOW WHITE	15 cts.	GIANT IMPERIAL SUNSET	15 cts.
“ “ SHELL PINK	15 cts.	“ “ YELLOW	15 cts.
“ “ LAVENDER	15 cts.	“ “ FINEST MIXED	10 cts.
“ “ SALMON	15 cts.	“ “ COLLECTION (1 pkt. each of the	
“ “ PURPLE	15 cts.	above 7 colors).....	75 cts.

How to Grow Asters.—The Aster's popularity is well merited. It possesses a wider range of color than most flowers; it blooms freely, and the flowers are borne on long stems, making them particularly valuable for the decoration of the home. In this regard, too, a plant of Asters may be dug up carefully at any period of its growth, planted in a flower pot and given plenty of water, when it will flower in the house for many weeks.

The cultivation of this beautiful plant is very simple. Seeds may be sown in shallow boxes, placed in a hot-bed, in a cold frame, or they may be planted direct into the open ground. Indoor sowings are made about March 25th, and outdoor sowings about April 15th. in the neighborhood of New York. Of course, hot-bed sowings will give earliest blooming plants, and those from seeds sown outdoors will bloom latest. Light, unmanured soil is proper for starting the seeds, and they should be covered no more than one-quarter inch. As they grow, remove plants here and there so that those remaining do not touch one another, and they may be planted out in their bed in the garden when they are in their sixth leaf. In the case of plants grown under glass do not plant out too early, say not before May 10th, and take care that the plants are hardened off well; that is, they have been inured to outside conditions by giving them the freest ventilation whenever the temperature allows.

Plant out fifteen inches from plant to plant into rich, well manured land, and if decayed stable manure is not available we recommend you to use Pulverized Sheep Manure. The plants must never be checked by lacking moisture during dry weather; at such times, water often and thoroughly.

Note:—Do not fail to grow our Masterpiece Asters. See page 60.

Our Masterpiece Aster

W. & D.'s Masterpiece Aster—Perfect Shape—Immense Size—Extremely Double
Extra Long Stems—Beautiful Deep-Green Foliage
Wonderful Bearers—Continuous Bloomers

This is the age of specialists. We specialize on asters.

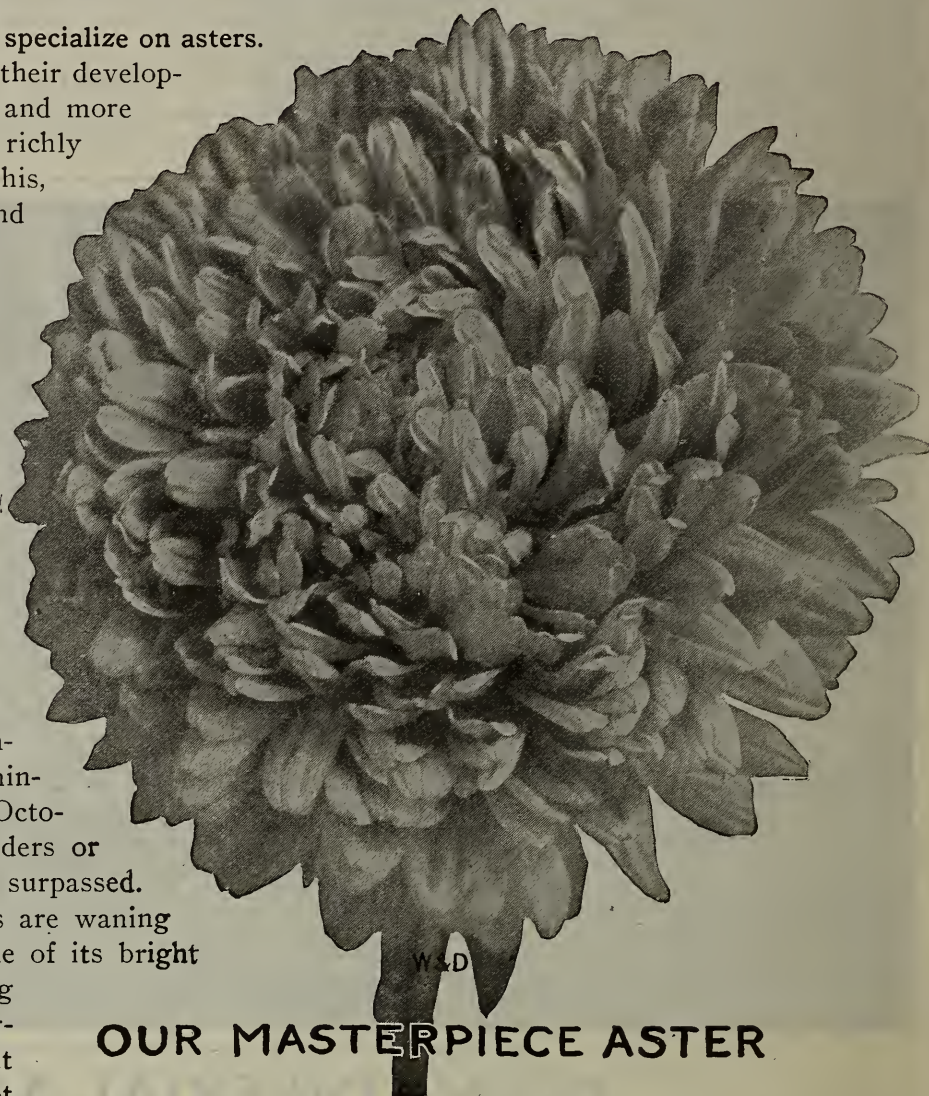
For years we have been working on their development to bring about larger, bigger and more perfect flowers. Our labor has been richly rewarded by the creation of this, "Our Masterpiece"—the finest and most beautiful of all American or foreign asters ever put on the market.

Well grown Masterpiece Asters grow 3 feet high, branch freely and are healthy, vigorous bloomers, producing on each plant from 10 to 12 perfectly double and elegantly shaped blossoms measuring from 5 to 6 inches across, on stems 2 to 2½ feet long, beside a goodly number of flowers not so large but quite as perfect in form and beauty. They begin blooming in late August and continue uninterruptedly through September and October. For cutting, in beds, in borders or anywhere, these asters can not be surpassed.

When the earlier summer flowers are waning and the garden begins to lose some of its bright masses of color, it begins its blooming—modestly at first, till when the garden is bereft of most all its bright blossoms, it bursts into a perfect riot of bloom.

Pink, white, blue, crimson and rose, it makes the brown beds gay with its glory. And such blossoms! Perfect in shape, immense in size, extremely double, with extra long, sturdy stems rising from the midst of its rich, green foliage. Asters in October! Think of it.

Mass its crimson blossoms in a bowl on your living room table. How often your eyes will leave your book to rest upon their loveliness. Its wonderful chrysanthemum-like blossoms—perhaps just two or three pink ones in a tall jar—will be a joy to your very soul. Study them closely—double to the very center chrysanthemum fashion—could anything be more beautiful? They will last for a week or more, if the water is changed constantly and their stems clipped diagonally. They have indeed gained first place in the Flower Kingdom—all must give due homage to the Queen of all—Our Masterpiece Aster.



OUR MASTERPIECE ASTER

	Pkt.	1,000 Seeds
MASTERPIECE—White.....	20 cts.	75 cts.
" —Flesh Pink.....	20 cts.	75 cts.
" —Rose	20 cts.	75 cts.
" —Dark Blue.....	20 cts.	75 cts.
" —Light Blue.....	20 cts.	75 cts.
" —Crimson	20 cts.	75 cts.
All colors mixed 20 cts. pkt., 1,000 seeds 60 cts.		

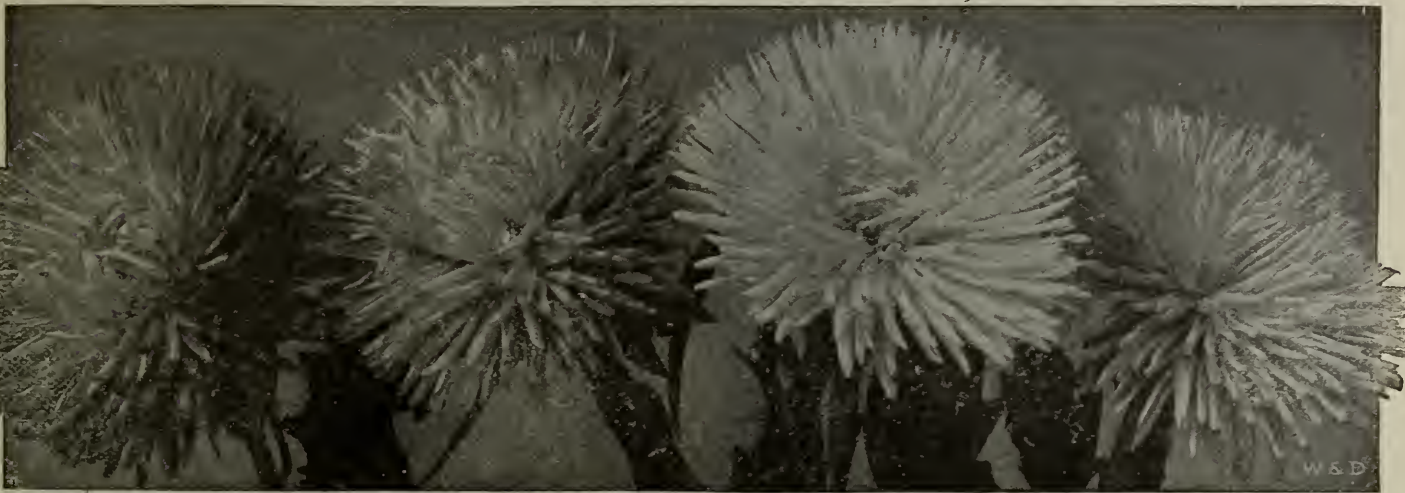
Your Masterpiece Aster has more than pleased me. The flowers were perfectly beautiful; I have never seen asters as large as these were, and I shall certainly grow them next year.

Yours very truly,

L. F. GREEN,
2539 Union St., San Francisco, Calif.

CULTURAL LEAFLET: "ASTERS,"
FREE TO CUSTOMERS

DO NOT FAIL TO GROW OUR WONDERFUL NEW HYBRID ANNUAL POPPIES. SEE PAGE 90



THE FOUR KING ASTERS

Weeber & Don's Prize Asters of Special Merit
Rochester Asters
W. & D.'s Famous King Asters

Magnificent, Chrysanthemum-like flowers, extremely double and very large. The long, narrow petals form a wonderfully shaggy mass that cannot be equaled for richness of effect; extra long stems.

	1/8 oz.	Pkt.
ROCHESTER WHITE. Snow white.....	\$1.00	\$0.20
" PINK. Shell pink.....	1.00	.20
" LAVENDER.....	1.00	.20
" PURPLE. Rich shade of deep purple...	1.00	.20

Collection of One Pkt. Each of Four Above Colors, 60 cts.

A beautiful and distinct type of branching Asters, with long stems and flowers of largest size; equal to the grandest Chrysanthemums. The blooms are round and full; the petals, folded lengthwise, almost needle shaped, give the flower a bold and striking appearance.

	1/8 oz.	Pkt.
VIOLET KING. Soft violet lilac.....	\$1.00	\$0.15
WHITE KING. Pure white.....	1.25	.20
ROSE KING. Bright rose.....	.75	.15
LAVENDER KING. Deep lavender.....	1.25	.20

The King Collection, 1 Pkt. Each, 4 Vareties, 60 cts.



ALICE DON ASTER

PURITY. Large, snow-white, double flowers, borne on long, stiff stems: invaluable for cutting	1/8 oz. \$1, oz. \$6	Pkt. \$0 15
DAYBREAK. Similar to Purity in form and habit of growth, except in color, which is a beautiful, delicate shell pink.....	1/8 oz. \$1, oz. \$7	20
LAVENDER DAYBREAK. A most beautiful shade of lavender, similar to Daybreak in growth and form of flower.....	1/8 oz. \$1, oz. \$6	15

Collection of 1 pkt. each of above 3 varieties, 40 cts.

ENCHANTRESS PINK. Very large, double flowers of a delicate shade of Pink, a shade like Enchantress Pink Carnation	1/8 oz. \$1..	\$0 20
AUTUMN GLORY. A new, very late Branching Aster. Shell pink and very double; blooms later than any other sort and at a time when good flowers are extremely scarce....	1/8 oz. \$1..	25
SNOWDRIFT. The earliest white Aster in cultivation. The long, recurved petals give the flowers an exceedingly graceful effect.	1/16 oz. \$1.25..	25
CRIMSON GIANT. A splendid, upright-growing sort, producing very large, well-formed, dark crimson flowers. One of the most showy varieties for garden culture and fine as a cut-flower.	1/8 oz. 75 cts..	15
ROSE GIANT. Identical in all respects to Crimson Giant, except in color, which is a soft, pleasing shade of rose.....	1/8 oz. 75 cts..	15
WHITE FLEECE. Comet type, with large, plumy flowers of glistening white, on long stems.....		15
PINK BEAUTY. Delicate flesh pink, extra-large, double flowers; very long, firm, straight stems.....		15
MIKADO PINK. Flowers 5 to 6 inches in diameter, of a most pleasing shade of shell pink.	1/8 oz. 75 cts.,	15
FANCY ASTER, CANARY-YELLOW. The petals of this tall, double Aster are curled and twisted, center florets quilled; deep yellow.....		15
JAPANESE TASSEL. Large flowers, resembling a Japanese Chrysanthemum. Finest mixed.....		10

Collection of 1 pkt. each of above 10 varieties, \$1.50.

Weeber & Don's Gold Medal Collection of Asters, Including One Packet Each of Our Prize Asters, Offered on this Page, \$3.00

CULTURAL DIRECTIONS ON ASTERS FREE—ASK FOR IT

ASTERS (Continued)

Astermum

A new type—as its name indicates—a Chrysanthemum-like Aster, its flower closely representing a Japanese Chrysanthemum. Immense in size, with petals beautifully curled and twisted, long and shaggy—a distinctly unique flower. The snowy white blossoms, the dainty shell pink and deeper rose, with the pale lavender and deeper violet shades, make a wonderful color combination. They are splendid growers—sturdy and strong, easy to care for, and repay you a thousandfold for the little attention they require. Whether they bloom in beds or borders, or plant by plant in single glory, they will be a joy to you.

Sow in a seed-bed the last week in April. Transplant in June to the bed where they are to blossom. To destroy the insects that attack the roots, stir into the soil of Aster bed a small quantity of wood ashes.

	Pkt.		Pkt.
White.....	\$0.20	Rose.....	\$0.20
Shell Pink.....	.20	Lavender.....	.20
Purple.....	.20		

Collection of 1 Pkt. Each of Above 5 Colors, 75 cts.



ASTERMUM

W. & D.'s Improved Victoria

(FOR BEDDING)

These Asters are magnificent, the flowers massive and showy, with regular, overlapping petals, very double. A strong contrast to the shaggy Chrysanthemum-like variety. The plants grow evenly, bearing a perfect wealth of bloom, twenty to thirty well-developed flowers to a plant, 4 to 5 inches across, on long, stiff stems. A continuous bloomer until checked by the frost. Perhaps the handsomest Asters, taking all in all, for size, color and wonderful profusion of bloom. A perfect rainbow of tints and shades, more varied than any other variety, from dazzling scarlet to sky blue, with daintiest tints of flesh and rose, and the snow white to blend with them all. Do not let your garden miss the wonderful Victoria.

Pkt. 1/8 oz.	Pkt. 1/8 oz.	Pkt. 1/8 oz.	Pkt. 1/8 oz.
Crimson and White \$0.10 \$0.75	Dazzling Scarlet. \$0.10 \$0.75	White.....	.10 .75
Peach Blossom.....	.10 .75	Pink.....	.10 .75
Sky-Blue.....	.10 .75	Miss Roosevelt.	
Purity. Snow white. .15		Primrose, passing	
Daybreak. Shell		to flesh.....	.15
pink.....	.15	Finest Mixed.....	1/4 oz. \$1.25 .10

Collection of 1 Pkt. Each of Above 9 Varieties, 75 cts.

Semple's Giant Branching

The latest blooming and tallest of all large-flowering Asters. A beautiful type of American origin. The plants are 3 feet tall, of branching habit, and bear their huge, well-formed, magnificent flowers on extra-long, stiff stems—often 2 to 2½ feet long. For cutting they are unexcelled, and are also most effective in beds and borders. Their branching nature so spreads the blossoms that the whole plant is a wonderful mass of bloom. They should be placed at sufficient distances to show the full beauty of each plant, and not massed too closely together. Each plant in itself is a feast for the eyes.

Pkt. 1/4 oz.	Pkt. 1/4 oz.	Pkt. 1/4 oz.	Pkt. 1/4 oz.
Crimson.....	\$0.10 \$0.75	Dark Blue.....	\$0.10 \$0.75
Flesh Pink.....	.10 .75	Light Blue.....	.10 .75
Rose.....	.10 .75	White.....	.10 .75
Finest Mixed.....	oz. \$2 .10 .65		

Collection of 1 Pkt. Each of Above 6 Varieties, 50 cts.



VICTORIA ASTERS

OUR GIANT ZINNIAS ARE THE LARGEST IN THE WORLD

ASTERS (Continued).

Queen of the Market

(EARLIEST OF ALL)

This is an extra-early variety, coming first of all, bursting into bloom two or three weeks before any of the other larger-flowered varieties. It is a remarkably firm Aster, is a profuse bloomer, and is very graceful in its growth. The good-sized blooms are borne upon long stems, making it particularly suitable for cutting. It is extensively grown for this purpose by florists. The flowers are most effective and most adaptable for the house, filling low bowls and jars with an artistic beauty not even attained by the statelier blooms of the larger kinds. However, each has its place in your garden.

	Pkt. 1/4 oz.		Pkt. 1/4 oz.
Crimson.....	\$0.10 \$0.75	Rose.....	\$0.10 \$0.75
Dark Blue.....	.10 .75	Pure White.....	.10 .75
Light Blue.....	.10 .75	Choice Mixed.....	.10 .60

Collection of 1 Pkt. Each of Above 5 Varieties, 40 cts.

GIANT HOHENZOLLERN.

An excellent, robust class, with enormous flowers, superb for cutting and exhibiting.

	Pkt. 1/4 oz.		Pkt. 1/4 oz.
Pure White.....	\$0.10 \$1.25	Light Blue.....	\$0.10 \$1.25
Rose.....	.10 1.25	Dark Blue.....	.10 1.25
Finest Mixed.....	.10 1.00		

Collection of 1 Pkt. Each of Above 4 Varieties, 30 cts.

OSTRICH PLUME.

Extremely graceful Aster, with large, feathery blooms, similar to the Comet, but with longer and more wavy petals.

	Pkt.		Pkt.
White.....	\$0.10	Dark Blue.....	\$0.10
Rose.....	.10	Light Blue.....	.10
Finest Mixed.....	.10		

Collection of 1 Pkt. Each of Above 4 Varieties, 35 cts.

CHINA ASTERS, FINEST DOUBLE MIXED.

W. & D.'S PRIZE MIXTURE OF TALL AND SEMI-DWARF VARIETIES, including early, midseason and late-flowering sorts in greatest varieties of colors. This mixture insures a continuous supply of Asters from August until frost.

Pkt. 5 cts., 1/2 oz. 60 cts., oz. \$1.00, 1/4 lb. \$2.00.



TRUFFAUT'S PEONY-FLOWERED ASTERS

WEEBER & DON'S GIANT SINGLE ASTERS

A beautiful and much improved type of Single Asters, producing on long stems extra large flowers of Marguerite-like shape, with petals elegantly twisted and entwined. Splendid for cutting.

	Pkt. 1/4 oz.		Pkt. 1/4 oz.
Dark Blue.....	\$0.15 \$1.00	Lavender.....	\$0.15 \$0.75
White.....	.15		.75

Collection of 1 Pkt. Each of Above Colors, 30 cts.

CREGO.

A magnificent strain of extra-early Asters, with fluffy, graceful flowers, seldom measuring less than 5 inches across, and produced on long stems; valuable for cutting. Height 2 feet.

	Pkt. 1/4 oz.		Pkt. 1/4 oz.
White.....	\$0.15 \$1.00	Rose.....	\$0.15 \$1.00
Shell Pink.....	.15 1.00	Lavender.....	.15 1.00

Collection of 1 Pkt. Each of Above 4 Varieties, 40 cts.

GIANT COMET.

Superb class, with very large flowers and long, wavyly reflexed petals, centering in a whorl of shorter curled and twisted ones. These Asters are among the finest of all, make a brilliant display and are particularly appreciated as cut-flowers. 2 feet.

	Pkt. 1/4 oz.		Pkt. 1/4 oz.
Carminc.....	\$0.10 \$1.00	Light Blue.....	\$0.10 \$1.00
Rose.....	.10 1.00	Reddish Lilac.....	.10 1.00
Pure White.....	.10 1.00	Sulphur Yellow...	.10 1.00
The Bride. White, passing to rose; superb.....	.10 1.00		
Finest Mixed.....	.10 .75		

Collection of 1 Pkt. Each of Above 7 Varieties, 50 cts.

TRUFFAUT'S PEONY-FLOWERED PERFECTION (Invincible Asters)

A beautiful and highly perfected class, producing, on long stems, huge, globe-shaped, very double flowers of most refined shape and perfect form; flower petals incurved like those of the Peony. These Asters are wonderfully prolific, and bloom abundantly from August until late in September.

	Pkt. 1/4 oz.		Pkt. 1/4 oz.
Carminc.....	\$0.10 \$1.00	Light Blue.....	\$0.10 \$1.00
Rose.....	.10 1.00	Snow White.....	.10 1.00
Scarlet.....	.10 1.00	Purple Violet.....	.10 1.00
Finest Mixed.....	.10 .75		

Collection of 1 Pkt. Each of Above 6 Varieties, 50 cts.

PERENNIAL ASTERS (Michaelmas Daisies).

	Pkt.
Mixed Colors.....	\$0.10



WEEBER & DON'S GIANT SINGLE ASTERS

OUR OFFERS IN GLADIOLI WILL SURPRISE YOU

General List of Choice Flower Seeds

FOR SEEDS OF GREENHOUSE PLANTS SEE PAGES 55-58

Hardy Annuals. These can be sown in the open ground. They flower, mature their seed and die in one year.

Half-Hardy Annuals. For early results, sow in the house, greenhouse or hotbed in February to April, and transplant to the garden as soon as the weather is settled, or seed may be sown outdoors about the middle of May.

Greenhouse Plants. These should be grown under glass in the greenhouse, conservatory or in the window.

Hardy Biennials. Sow in the open border from June to September. The plants winter without protection, flower and die the second year, although some varieties will flower the first year if sown very early.

Half-Hardy Biennials. Must have protection during Winter.

Hardy Perennials. These are perfectly hardy and will stand over Winter without protection. With few exceptions, they flower the second year after sowing and continue to bloom for many years.

Half-Hardy Perennials. Plants require protection during Winter.

ALL FLOWER SEEDS ARE SENT POSTPAID AT PRICES GIVEN

ACANTHUS MOLLIS (Bear's Breech). Hardy Perennial.

A handsome plant, with very large, cut foliage and long spikes of white flowers; 2 feet. **Pkt. 10 cts.**

ACHILLEA PTARMICA FL. PL. (The Pearl). Hardy Perennial.

Beautiful clusters of double, white flowers; fine for cutting.

Pkt. 10 cts., 1/8 oz. 75 cts.

ACONITUM (Monkshood). Hardy Perennial.

Pkt.

NAPELLUS. Blue; 4 feet. **\$0.10**

NAPELLUS ALBUM. White; 3 feet. **.10**

PYRENAICUM. Large flowers; pure yellow; 3 feet. **.15**

ACROCLINIUM. Half-Hardy Annual.

Finest mixed. Graceful plants with double everlasting flowers; 1 1/2 feet. **Pkt. 5 cts.**

ADLUMIA CIRRHOSA (Mountain Fringe: Alleghany Vine).

Hardy Perennial, Beautiful, hardy climber; pink flowers. **Pkt. 10 cts.**

AGROSTEMMA. Hardy Annual and Hardy Perennial.

Pkt. Oz.

Cœli-rosa (Rose of Heaven). H.A. Bright rose; 1 1/2 feet. **\$0.05 \$0.40**

Coronaria atrosanguinea (Rose Campion). H.P. Deep blood-red flowers; silvery white foliage; fine for cutting and of easy culture, 2 1/2 feet. **.05 .50**

Hybrida Walkeri. H.P. Brilliant rose; very large. **.20**

African Golden Daisy (*Dimorphotheca*) HARDY ANNUAL

A showy annual from South Africa. The plants grow bushy in branching habit, about a foot high, bearing Daisy-like blossoms of rich, brilliant orange, with a dark disc surrounded by a black zone. Blooms continuously during the Summer. Well adapted for groups and borders. Stands the heat splendidly. A bed in full bloom is a gorgeous sight.

AURANTIACA. Orange. **1/4 oz. 50c \$0.10**

AURANTIACA HYBRIDA. New selected hybrids in splendid mixture. **1/8 oz. 50c .15**

Ageratum (HALF-HARDY ANNUAL)

One of the very best bedding plants, being a mass of bloom from early Summer till frost. Its flowers, unlike many bedding plants, are not liable to be spoiled by rain, nor do its colors fade out.

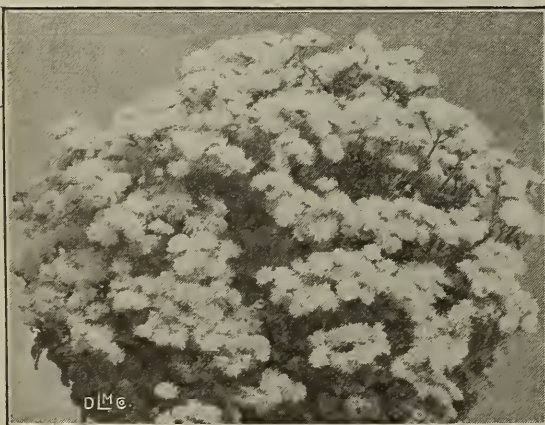
Pkt. Oz.

MEXICANUM. Blue; fine for beds; 1 foot. **\$0.10 \$0.50**

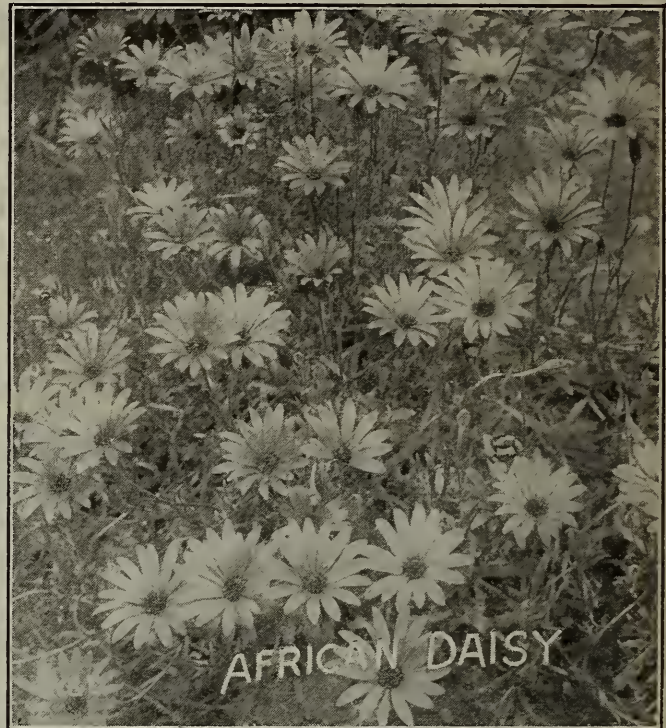
BLUE PERFECTION. Dwarf deep blue, fine for edging. **.10 1.00**

BLUE STAR. Very dwarf and bushy plants, densely covered with numerous, very small, dark blue flowers. **.25**

PRINCESS VICTORIA LOUISE. Dwarf, light blue, white center. **1/4 oz. 40c .10**



Ageratum Blue Perfection



AFRICAN DAISY

Pkt. Oz.

IMPERIAL DWARF BLUE. Excellent for borders; 9 inches. **\$0.05 \$0.60**

IMPERIAL DWARF WHITE. Excellent for borders; 9 inches. **.10 .75**

LITTLE DORRIT. Azure blue; very dwarf and bushy; 6 inches. **1/4 oz. 40c .10**

ANCHUSA. Hardy Perennial.

Barrelieri. Dark blue, dwarf; flowers resembling Forget-Me-Nots; 2 feet. **Pkt. 15 cts.**

Italica, Dropmore Variety. Large, bright blue flowers, borne on long, graceful stems; excellent for cutting; 4 feet. **Pkt. 20 cts.**

ANEMONE (Windflower). Hardy Perennial.

Japonica, Honorine Jobert. Pure white; 3 feet.

St. Brigid (Irish Anemone). Large, handsome flowers, mostly semi-double. **Pkt. 15 cts.**

ANTHEMIS KELWAYI (Maguerite). Hardy Perennial.

Dark yellow flowers, borne on long stems in profusion all Summer; fine for cutting; 1 1/4 feet. **Pkt. 15 cts., oz. \$1.**

ANTIRRHINUM—See Snapdragon.

ARMERIA FORMOSA (Sea Pink, or Thrift). Hardy Perennial.

Very desirable for edging; flowers rosy pink, borne in great profusion; 1 foot. **Pkt. 10 cts.**

ASPERULA. Hardy Perennial.

Odorata (Woodruff). H.P. Sweet-scented foliage; white flowers; does best in shady, moist places; 1 foot. **Pkt. 10 cts.**

ASTILBE DAVIDII. Hardy Perennial.

Graceful spikes of rosy violet or mauve flowers on stems 6 feet high; suitable for shady places. **Pkt. 20 cts.**

AUBRETIA LEICHTLINII. Hardy Perennial.

Large, rosy carmine flowers; fine for rockwork and herbaceous borders; 6 inches. **Pkt. 25 cts.**

AURICULA, Giant Flowered English Hybrids. Half-Hardy Perennial. **Pkt. 25 cts.**

A variety of garden Primrose; beautiful shades of color.

ALYSSUM

Hardy Annual and Hardy Perennial

A dainty little blossom from grandmother's old-fashioned garden, as popular now as ever it was in her day. Because of its low, almost creeping tendency, it is invaluable for edgings and rock-work. Also for window boxes and hanging baskets. Cut for the house, it combines with almost every flower gracefully. Pansies, geraniums, roses—are all made more beautiful by these dainty little white blossoms in their midst. A constant and profuse bloomer all the summer long, keeping company with late asters and chrysanthemums, often after the frost comes.

Seeds may be sown thinly in shallow drills as early in the spring as the ground can be easily dug and sowings for succession made up to August first, as it will grow and come into bloom very quickly. Seeds may also be planted in pots or flower boxes for winter blooming, or may be planted in the pots of large, tall-growing plants.

- Odorum** (Sweet Alyssum). HA. Pure white, fragrant.....Oz. 30c. **\$0.05** Pkt.
- Lilac Queen**. HA. Pure lilac flowers; plants dwarf, compact and of upright growth; give a charming contrast if planted with the dwarf white-flowering sorts.....Oz. \$1.50 .20 Pkt.
- Little Gem** (A. compactum erectum). HA. Only 6 inches high; splendid for edging.....Oz. 50c. **\$0.10**
- Carpet of Snow, or Dwarf Bouquet**. HA. Very dwarf; the very best variety for low edging, carpet-bedding and pots; 3 to 4 inches.....Oz. \$1.00 .10
- Saxatile Compactum** (Gold Dust). HP. yellow; 1 foot. Oz. \$1.25 .10

AMARANTHUS. Hardy Annual

Ornamental foliage plant, wonderfully effective in borders of tall plants or for the center of beds. Pkt.

- Caudatus** (Love-Lies-Bleeding). Blood-red; drooping spikes; 2 feet.....Oz. 20c. **\$0.05**
- Tricolor Splendens** (Joseph's Coat). Beautiful foliage marked with scarlet, yellow and green; 2 feet. Oz. \$1.00 .10



ANTIRRHINUM. See Snapdragon

AQUILEGIA. See Columbine

ARABIS. Hardy Perennial

Alpina. Pure white; constantly in bloom; fine for borders and rockwork; 6 in. Pkt. 10c.

ARCTOTIS GRANDIS. Half Hardy Annual

Beautiful, daisy-like flowers, pure white and lilac petals, borne on long stems; very fine for cutting. Pkt. 10c.

ARTEMISIA SACRORUM VIRIDIS

(Summer Fir). Hardy Annual

A graceful foliage plant of rapid growth and pyramidal habit; splendid as a single specimen on lawns or in groups in the border or for pot culture. The regularly branched plants are furnished with finely cut foliage and resemble small fir trees. Pkt. 20c.

BABY'S BREATH (Gypsophila)

Hardy Annual and Hardy Perennial

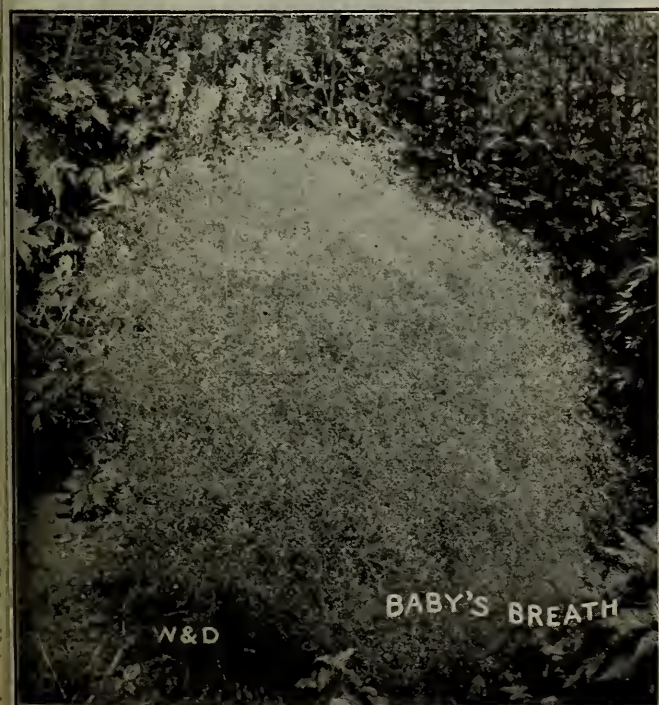
This dainty, misty mass of foliage and tiny white blossoms in feathery panicles is particularly adapted for cutting. In bouquets it mingles with other flowers most gracefully and blends them into a beautiful whole. To the florist it is simply invaluable and unsurpassed for this purpose. Grows 1½ feet high and blooms about July 10 and right through the season. Pkt.

- Elegans Grandiflora Alba.** HA. Improved large-flowering variety, with pure white flowersOz. 50c. **\$0.05**
- Rosea.** HA. Delicate pink.....Oz. 50c. .05
- Paniculata.** HP. Pure white flowers; graceful, feathery foliage; blooms first year from seed.....Oz. \$1.00 .10
- Paniculata fl. pl.** (Double White Baby's Breath). A double-flowering variety. Seeds will produce 50 per cent. of double-flowering plants; of the purest white..... .25

BACHELOR'S BUTTON. See Centaurea

BALLOON VINE. Half Hardy Annual

A rapid-growing climber, with small white flowers which are followed by seed-pods formed like balloons; a good vine for shade on the back porch; foliage of good size and healthy; 8 feet. Oz. 25c., Pkt. 5c.



ANTIRRHINUM, IMPROVED GIANTS, SEE SNAPDRAGON

BALSAM *(Lady Slipper)*

Double Camellia-flowered—Half Hardy Annual

Another old-time favorite, still holding its place in gardens of today. Its tall spikes covered with close camellia-like double blooms rise in stately fashion above the low pansies and mignonette. Crimson, scarlet, pink, its gorgeous brilliance delights your eye, while its creamy white blossoms please you none the less. Give it good rich soil and it will ask no further odds of you. It will give you its best in a wondrous mass of bloom all summer. Sow seed thinly in drills or shallow boxes in the house early in March. Pot the small plants and transplant when 3 inches high. When trees are in leaf, transplant to flower beds, 18 inches to 2 feet apart in rich soil. Or seed may be sown in the flower bed in May, but will not bloom as quickly as when started indoors.

	Pkt.		Pkt.
Double Lavender	\$0.10	Prince Bismarck. Salmon	
Pink	.10	rose	\$0.10
Bright Scarlet	.10	Camellia-Flowered,	
White Perfection	.10	Finest Mixed... Oz.	\$1.00 .10
Collection Camellia-flowered, 5 Separate Colors, 40c.			

BAPTISIA. Hardy Perennial

Australis. Spikes of Pea-shaped, blue flowers, 6 in. long. Grows 2½ ft. high. Pkt. 10c.

BEE BALM. *(Monarda Didyma, Oswego Teas)* Hardy Perennial

This is a beautiful plant for backgrounds or shrubbery beds: grows from 3 to 4 feet high. Vivid scarlet. Pkt. 25c.

BEGONIA Half Hardy Perennial

Begonias take rank as bedding plants with geraniums and verbenas. They grow close and compact, flower profusely and constantly, doing equally well in sunlight or shade. They are of sturdy growth, growing about one foot high and forming dense bushes. For the house, they are probably the most popular of plants. Because of their ease of culture, profusion of bloom and great variety of blossom and foliage, they have justly merited this popularity.

BEGONIA SEMPERFLORENS. *(Fibrous Rooted)*

Extensively used for bedding; in constant bloom.	Pkt.
Semperflorens Rosea. Splendid pink; 10 inches.....	\$0.25
Semperflorens Alba. Pure white, very fine; 10 inches.....	.25
Red Erfordia......	.50
Crimson Bedder. Crimson-scarlet flowers, bronze foliage; very effective.....	.50
Erfordia. Delicate, rosy carmine flowers.....	.50
Vernon. Dark red foliage; carmine flowers. Very popular sort..	.25
Dwarf Vernon. Admirably adapted for carpet bedding..	.25
Gracilis Luminosa. Flowers fiery dark scarlet; foliage reddish brown. Undoubtedly the best red Semperflorens Begonia.....	.50
Gracilis Mignon. Globular bushes 7 to 8 inches high, and 8 to 10 inches across, profusely covered with brilliant blooms of a fiery scarlet red, with prominent golden yellow anthers.....	.50
Gracilis, White Pearl. Pure, snowy-white blooms, 2½ inches by 1 inch across; pale green foliage.....	.35
Salmon Queen. New. Brilliant salmon-rose; foliage reddish brown.....	.50
BEGONIA HYBRIDA (Tuberous Rooted). See under Seeds for Greenhouse Plants, page 55.	
BEGONIA BULBS. See page 110.	



BELLIS PERENNIS. See English Daisy, page 74

BOLTONIA. Hardy Perennial

Asteroides. Showy native perennials, resembling the hardy asters; pure white; 6 feet..... \$0.25
Latisquama. Pink flowers in large clusters..... .25

BRACHYCOME IBERIDIFOLIA

(Swan River Daisy). Half Hardy Annual
 Pretty blue flowers, borne in the greatest profusion all summer; plant grows 1½ feet high. Pkt. 10 cts.

CALLIOPSIS. See Coreopsis

CALENDULA *(Cape Marigold)* Hardy Annual

This is the "Mary-gold" of Shakespeare's Time

One of the best and showiest free flowering hardy annuals. Easy of culture, growing well in any good garden soil. For effective and persistent blooming in beds and borders, the newer varieties have no superior. Bushy plants about 1 foot high. Their bright, sunny flowers in every shade of yellow, from deep orange to pale ivory, being produced from early spring to late fall, give a bright bit of color to the autumn garden beds. Excellent also for pot culture in the house, blooming freely in winter and early spring.

	Pkt.		Pkt.
Favorite. Light sulphur, each petal striped with cream-white; the lightest-colored variety..... Oz.	25 cts. \$0.05	Prince of Orange. Similar to Meteor, but much darker..... Oz.	25 cts. \$0.05
Meteor. Large, double, yellow flowers, striped with orange..... Oz.	25 cts. .05	Pluvialis. White.....	.05
		Pongei. Large, double, white flowers.....	.05

CULTURAL LEAFLET, "ANNUAL FLOWERS"—SEND FOR IT

CAMPANULA

Hardy Perennial and Hardy Biennial

These are among our best known hardy perennials. They are very ornamental plants with perfect masses of bloom, those of the Pyramidalis varieties often bearing 100 to 200 blossoms. The flowers are large and bell shaped, of exquisite colors—blue, pink and white. The cup and saucer variety produces single cup-shaped blossoms 3 inches long with saucers 3 to 4 inches across. The tall sorts are excellent for cutting, dwarf varieties for borders. Some kinds will flower the first season, others not till the second year. Sow from April 1 to Sept. 1. When strong enough, transplant to a distance of 6 inches apart. After frost has set in, cover with leaves and straw.

Carpatica, Blue. HP. Beautiful for groups and edgings; 1 foot..... **Pkt. \$0.10**

Giant Harebell. HP. Clear blue; slender; free-flowering..... **.25**

Persicifolia Grandiflora, Blue. HP. Very large flowers; handsome and free-flowering; 3 feet..... **.20**

Persicifolia Grandiflora Alba. HP. White; 3 feet..... **.20**

Persicifolia Gigantea fl. pl. Moerheimi. Double; white; extra fine, with long, narrow foliage and very large, ball-shaped flowers; 3 feet..... **.30**

Pyramidalis (Chimney Bellflower). Hardy Perennial. Stately plants growing 4 to 5 feet high; for garden or pot culture. **Blue, White, Finest Mixed Pkt. each \$0.10**



CANTERBURY BELLS (*Campanula Medium*) Hardy Biennial. 3 ft.

Blue.....	Pkt. \$0.10	Rose-pink.....	Pkt. \$0.10
Mauve.....	.10	White.....	.10

Collection 1 pkt. each of above 4 colors, 30 cts.

Finest Single, Mixed	Pkt. \$0.10	Double Canterbury Bells, finest mixed.....	Pkt. .10
----------------------------	-------------	--	----------

CUP AND SAUCER CANTERBURY BELLS

(*Campanula Calycanthema.*) Hardy Biennial. 3 ft.

Blue.....	Pkt. \$0.15	Rose.....	Pkt. \$0.15
White.....	.15	Lavender.....	.15
Finest Mixed.....			.10

CANDYTUFT (*Iberis*)

Hardy Annual and Hardy Perennial

Very pretty, profuse-blooming plants, adapted for ribbon borders and flowerbeds. Grown in pots, they form neat and pretty plants for the conservatory during the winter; 1 foot.

Dunnett's Crimson. Very dark	Pkt. \$0.10
Empress. Pure white flowers, large trusses of bloom.....	Oz. 60 cts. .10
Carnea. Flesh colored.....	.10
Giant Hyacinth-flowered. White. Large spikes	Oz. \$1.50 .10
Purple. Very fine.....	.10
White Rocket. White; large trusses.....	Oz. 30 cts. .05
Lilac Rocket. A splendid shade; large.....	Oz. 30 cts. .05
Splendid Mixed. All colors	Oz. 30 cts. .05

PERENNIAL CANDYTUFT

Profuse white-blooming, hardy perennial, coming in flower early in the Spring; much used for cemeteries, rockeries, etc.; 1 foot.

Empress Candytuft

Sempervirens. White flowers	Pkt. \$0.20
Gibraltarica. Beautiful, blush-white.....	.20

THE CARDINAL CLIMBER. (*Ipomœa Quamoclit Hybrida*)

A beautiful annual climber, growing 30 feet or more in height, with finely cut fernlike foliage and literally covered with a blaze of star-shaped cardinal-red flowers, borne in clusters of five to seven, from midsummer till frost. **Pkt. 25 cts.**

"A WOMAN'S HARDY GARDEN," Interesting and instructive book on growing the hardy plants; by ELY. **POSTPAID \$1.75**

Ostrich
Plume
Cockscomb



CELOSIA Half Hardy Annual

Sow thinly in drills, when trees are in leaf. When 2 or 3 inches high, transplant to rich soil, placing the plants 12 inches apart. Cultivate frequently. Stocky plants produce finest flower heads. Consider this fact in transplanting.

Seed may also be sown in hot-beds or shallow boxes in sunny windows early in March and plants kept in boxes till weather is warm enough for them to be planted out of doors.

CELOSIA CRISTATA (Crested Cockscomb)

- Golden Beauty.** Golden yellow combs; plant of extra-strong growth; fine for edging; 1 foot. $\frac{1}{8}$ oz. 75 cts. **\$0.15**
- Empress.** Combs of colossal proportions; bright crimson. $\frac{1}{8}$ oz. **\$1.00** .15
- Glasgow Prize.** Very dwarf; immense crimson combs; 8 inches. $\frac{1}{8}$ oz. **\$1.00** .15
- Queen of Dwarfs.** Smallest Cockscomb of all. It grows but 6 inches high with beautiful, dark rose-colored combs. $\frac{1}{4}$ oz. **\$1.00** .15
- Fine Dwarf Mixed.** Various colors; large combs. $\frac{1}{4}$ oz. 75 cts. **.10**
- Collection of 6 Distinct Varieties, 50 cts.

CELOSIA PLUMOSA. (Feathered or Ostrich Plumè Cockscomb)

The strains we offer are greatly improved and very carefully selected. The feathered Celosias are very attractive for bedding and make handsome pot-plants.

- Thompsoni Magnifica,** Pkt. Yellow. $\frac{1}{4}$ oz. 50 cts. **\$0.15**
- Crimson.** $\frac{1}{4}$ oz. 50 cts. **\$0.15**
- Carmine.** $\frac{1}{4}$ oz. **\$1.00** .20
- Splendid Mixed.** $\frac{1}{4}$ oz. 40 cts. **.10**
- Celosia Pyramidalis Plumosa Hybrida, "Pride of Castle Gould."** A highly perfected strain saved from pot-grown plants, including blood-red, carmine, golden yellow, salmon, dark orange and wine color. Especially recommended for pots. Pkt. 30 cts.

CELOSIA—CHINESE WOOLFLOWER *

Deep crimson scarlet blossoms, in appearance like balls of scarlet wool. See full description on page 4. Pkt. 25 cts.

CARNATIONS

Carnations from seed bloom more freely than propagated plants, and are invaluable for cut-flowers. The seed should be sown during Spring under glass, and given careful attention. Our seeds are saved from an unequaled collection.

MARGUERITE CARNATIONS

This type, if sown in March, will come into bloom in August, and last till cut off by frost, or the plants may be potted in the autumn and placed in a coldframe or cool greenhouse, when they will continue to bloom for a long time. They produce a large proportion of double clove-scented flowers of various colors.

- | | | | | | | | |
|--|-------------|---|-------------|---|-------------|--|-------------|
| Deep Crimson. \$0.15 | Pkt. | Fiery Scarlet. \$0.15 | Pkt. | Bright Rose. \$0.15 | Pkt. | Pure White. \$0.15 | Pkt. |
| Sulphur Yellow.......15 | | Striped.......15 | | Mixed. All colors. $\frac{1}{4}$ oz. 75 cts. .10 | | | |
- Collection of 1 Pkt. Each of Above 6 Colors, 75 cts.

Giant Marguerite Carnation. Mixed. An improved strain, producing flowers of immense size, frequently measuring $2\frac{1}{2}$ to 3 inches across, and borne on long, sturdy stems; good for cutting. $\frac{1}{8}$ oz. 75 cts. **\$0.15**

PERPETUAL or TREE CARNATIONS

Popular, new hardy class, blooming continually; highest percentage of double flowers of finest quality; blooms in five to six months from sowing. Pkt.

Chaubaud Perpetual. Choicest mixed. Flowers about two weeks later than the Marguerite type; the blooms are larger and finer. $\frac{1}{8}$ oz. **\$1.00** **\$0.25**

Giant Nice (Riviera Market). Superb, comprising the best Nice and Cannes market varieties; splendid double flowers, including a number of yellows; long-stemmed and very fragrant. **.50**

Giant Perpetual Yellow (Comtesse de Paris). Beautiful; a very scarce color in carnations. **.25**

Giant Perpetual White. Excellent; very double; the flowers are carried on long stems and are fine for cutting. **.25**

CARNATIONS and PICOTEEES

W. & D.'s Prize Mixture. Unrivalled quality; will give the greatest satisfaction to the most critical growers. **.25**

HARDY DOUBLE BORDER CARNATIONS

Early-Flowering, Dwarf Vienna, Extra Fine, Mixed. Extremely large, double flowers of brilliant colors; long-stemmed; excellent for cutting. **.15**

Early-Flowering, Dwarf Vienna, Double, White. A particularly choice strain, producing flowers almost the equal of the finest hothouse carnations, on long, stiff stems. **.15**

W. & D.'s Non Plus Ultra Border Carnations. Choice mixed, saved from flowers of the finest quality only; will give highly favorable results. **.25**

Double, Fine Mixed. Hardy carnations; good quality. **.15**



CENTAUREA IMPERIALIS

(Regal Sweet Sultan.) Hardy Annual

Regal Sweet Sultans are of the easiest culture. They grow strong and bushy, about 3 feet high. They flower freely from seed sown in the spring. When large plants are desired, thin to 8 inches apart.

	1/4 oz.	Pkt.
Armida. Pale lilac.....	\$0.50	\$0.10
Favorite. Rosy lilac.....	.50	.10
Graziosa. Purple.....	.50	.10
Gigantea. Pure white.....	.75	.10
Iphigenia. Rose, white center.....	.50	.10
Finest Mixed.....	Oz. \$1.25	.10

The above collection of 5 Distinct Varieties, 40 cts.

PERENNIAL CENTAUREAS

Montana Blue. HP. Superb; very large flowers; 2 feet...	.10
Montana Alba. HP. Excellent variety; white; 2 feet.....	.15

SILVER-LEAVED CENTAUREAS

Half Hardy Perennials. Used for borders or edging

Candidissima. 1 foot.....	1/8 oz. \$1.00	.25
Gymnocarpa (Dusty Miller)	1/4 oz. .75	.15

OTHER ANNUAL SORTS

Sow in the open ground in Spring.

Americana. Large; purplish red.....	.10
Odorata, Marguerite. Pure white; 2 1/2 inches across, finely laciniated and delightfully fragrant.....	.10
Chameleon. Yellow and rose; sweet scented.....	.10
Suaveolens (Yellow Sweet Sultan, or Grecian Cornflower). Very large flowers; sweet scented.....	.10
Moschata (Sweet Sultan). Finest mixed.....	1/2 oz. 50 cts. .05



CHRYSANTHEMUM ANNUAL VARIETIES

Very attractive for beds and borders. They bloom profusely all Summer and their bright colors make a splendid show; invaluable for cutting.

	Pkt.		Pkt.
Single Eclipse. Golden yellow, scarlet ring and brown center.....	\$0.05	Double White (Dunnetti fl. pl. album).....	{Excellent for cutting} \$0.10
Gladstone (Purpureum). Rich crimson.....	.05	Golden Yellow (Dunnetti fl. pl. aureum)...	.10
Lord Beaconsfield (Burridgeanum). Banded crimson, white and yellow.....	.05	Scarlet (Dunnetti fl. pl. atrococcineum)....	.10
The Sultan. Crimson maroon.....	.05	Finest Mixed (Coronarium fl. pl.).....	Oz. 50 cts. .05
Northern Star. Giant white flowers, black center.....	.10	Bridal Robe (Inodorum plenissimum). Pure white; extra double; fine foliage: splendid for bedding and valuable for cutting.....	.20
Morning Star (Gloria). Large; pale yellow; extra fine..	.10		
Evening Star (Helios). Large; golden yellow; superb... (The three preceding varieties are splendid for cutting.)	.10		
Finest Mixed. All colors.....	Oz. 40 cts. .05		

PERENNIAL VARIETIES. (Moonpenny Daisies and Japanese Sorts)

	Pkt.
Maximum, King Edward VII. Pure white, yellow center. Bloom the first year from seed.....	\$0.15
Princess Henry. White; flowers 3 to 4 inches across...	.15
Shasta Daisy. White.....	.15
Japonicum fl. pl., Delaux's Double, Early-Flowering Japanese. Finest Mixed. Flower in the open ground from August till November.....	.25
Frutescens, Comtesse de Chambord (Marguerite, or Paris Daisy).....	.20

WELLS' NEW EARLY FLOWERING SINGLE CHRYSANTHEMUM

A remarkable new race of single Chrysanthemums, flowering abundantly the first year from seed; equal to the best named sorts. Sow early in March in a box in the house or hotbed and plant out early in May. 18 inches apart. These plants will flower from July till frost. Pkt. 25c.

CLARKIA ELEGANS. Hardy Annual

W. & D.'s Prize Varieties. Popular and very showy plants for pot culture and bedding; 2 feet.	Pkt.
Scarlet Beauty. Flowers brilliant salmon scarlet, fully double and produced in long sprays. Indispensable for the garden and greenhouse.....	1/4 oz. 75 cts. \$0.15
Firefly. Vivid crimson scarlet, exceptionally double.....	1/4 oz. 50c. .15
Chamois Queen. Delicate pale chamois; very double.....	1/4 oz. 75 cts. .15
Salmon Queen. Beautiful salmon pink; double.....	1/4 oz. 50 cts. .15

CLEOME PUNGENS (Giant Spider Flower)

Hardy Annual

Very effective in borders among tall plants; rose-colored flowers. Stamens look like spider legs; 3 feet..... Oz. \$1.25, pkt. 10 cts.



Annual Chrysanthemum

OUR AMERICAN SHOW PANSIES ARE THE WORLD'S BEST IN SIZE, FORM AND COLORING



COBÆA (Cup and Saucer Vine)

A valuable climber of rapid growth, attaining a height of 30 to 50 feet during one season—fine for trellis, arbors or old trees. It clings to rough surfaces very easily. Its blue and white bell-shaped flowers are very effective. To get early results, sow indoors in March or April—otherwise, outdoors in May, placing seeds edgewise, covering lightly.

Scandens. Very popular climbing plant; blue, bell-shaped flowers. Oz. 75 cts. Pkt. \$0.10
Scandens alba. White; very fine. Oz. \$1.50 Pkt. .20

COLUMBINE (Aquilegia) Hardy Perennial

Fine, free flowering, hardy border plant—one of our most desirable perennials. Seed may be planted in the open ground early in spring and will in some varieties bloom in the same season. Best results, however, are obtained by planting in August for the next season's blooming.

NEW: Mrs. Scott Elliott's Strain of long Spurred Hybrids. We import specially this fine strain; the colors are wonderful and in size they are immense, the result of many years' close attention by this well known expert. Pkt. \$0.50

W: & D's Superb Long-Spurred Hybrids. A splendid mixture including the choicest sorts. The flowers are very large and borne on long, wiry stems. .25
Rose Queen. Delicate rose-pink, white center; extremely large blooms, long spurred; a most beautiful sort. .25
Californica Hybrida. Large yellow flowers, dark orange spurs; 3 feet. .20
Chrysantha. Bright yellow; 3 feet. .20
Chrysantha fl. pl. Double; golden yellow; extra fine. .20
Chrysantha Grandiflora Alba. Very large; pure white. .20
Cærulea (Rocky Mountain Blue Columbine). 2 feet. .25
Stuarti. Large, erect, blue flowers, white corolla; stems 2 feet high; blooms often measure 3 inches across; very hardy. .50
Skinneri (Mexican Columbine). True scarlet, tipped with green. .25
Vulgaris, Single Mixed. Oz. 75 cts. .10
Vulgaris, Double Mixed. Oz. \$1.00 .10

Collection of 6 Long-spurred Sorts, 75 cts.

CORNFLOWER (Centaurea Cyanus.) Bachelor's Button, Ragged Sailor or Blue Bottle

No garden is complete without this bit of vivid blue. They usually reseed themselves, coming up year after year, but when a mass is desired, especially as for a bed, it is better to plant them each year.

	Pkt.			Pkt.
Cyanus. Dark blue.....	Oz. 50 cts.	\$0.05	Single Mixed	Oz. 40 cts. .05
Emperor. Bright blue.....	Oz. 50 cts.	.05	Double Blue. The finest for cutting.....	Oz. \$1.50 .15
Alba. Pure white; very fine.....	Oz. 40 cts.	.05	Double Mixed. All colors.....	Oz. 50 cts. .05
Rose. Distinct.....	Oz. 40 cts.	.05	Collection of 6 Varieties, 30 cts.	

COREOPSIS (Calliopsis)

Hardy Annual and Perennial

One of the showiest and most easily grown of garden flowers—quick of growth, bearing a profusion of bright-colored blossoms from golden yellows to bronzes and velvet crimsons. Does well in any sunny position—excellent for cutting or massing. Sow seed where plants are to bloom as early in the spring as the soil can be dug easily. Thin out to from 6 to 12 inches apart.

ANNUAL VARIETIES

	Pkt.
Atrosanguinea. Velvety dark crimson.....	Oz. 40 cts. \$0.05
Drummondii (Golden Wave). Yellow, with maroon center; large. . .	Oz. 30 cts. .05
Radiata (Tiger Star). Reddish brown, tigered and spotted golden yellow.....	.10
Finest Mixed. Brilliant colors.....	Oz. 30 cts. .05

Collection of 10 Separate Colors, 50 cts.

PERENNIAL VARIETIES

These frequently bloom the first year from seed sown in spring; it is more satisfactory, however, to sow in July or August, protecting the plants with coarse straw or pine boughs during winter. They will flower profusely the following summer; 2 feet.

	Pkt.
Grandiflora. Bright golden yellow.....	Oz. \$1.00 \$0.10
Lanceolata. Large, golden yellow.....	Oz. 75 cts. .10
Harvest Moon. Orange-yellow.....	.10

COWSLIP. Hardy Perennial

A favorite spring-flowering plant adapted to shady places or woodland walks; has fine, brilliant flowers; 6 inches. Finest mixed. Pkt. 15 cts.

CUPHEA PLATYCENTRA (Cigar Plant)

Half-Hardy Perennial

Scarlet, very free-flowering; excellent for pots or bedding. 1 foot. Pkt. 20 cts.



Coreopsis Drummondii



COSMOS Hardy Annual

Beautiful autumn-flowering, tall growing plants, very profuse bloomers—most satisfactory in the back of your garden beds. Their tall, feathery foliage rises often 5 or 6 feet and forms a wonderful background for their pink, white and crimson blossoms—from 3 to 7 inches across. It is one of the finest flowers grown for cutting, the graceful foliage and the starry blooms lend themselves to the most artistic arrangement. And their staying quality is notable.

Any garden soil will grow Cosmos, but frequent cultivation about the base of the plants will greatly benefit them. Sow thinly in drills, or drop two or three seeds in each place where the plants are to grow, early in the spring, when trees are beginning to leaf. When well started, transplant taller varieties to stand about 2 feet apart.

	Pkt.				Pkt.				Pkt.
Lady Lenox, Pink (Giant-flowered). Large, shell-pink flowers, 6 to 7 inches in diameter.....	Oz. \$1.50	\$0.10	LARGE, EARLY-FLOWERING VARIETIES. From seed sown in the open ground the beginning of May, plants will flower the middle of July and continue uninterrupted until frost.						
Lady Lenox, White. Giant-flowering; pure white.....	Oz. \$2.00	.15	White	¼ oz. 60 cts.	\$0.15	Crimson	¼ oz. 60 cts.	\$0.15	
MAMMOTH PERFECTION, Late Pink	Oz. 50 cts.	.10	Pink	¼ oz. 60 cts.	.15	Mixed	Oz. \$1.50, ¼ oz. 40 cts.	.10	
Pure White	Oz. 50 cts.	.10	Klondike. Orange-colored; late-flowering.....			Hybrida, Fine Mixed. Late-flowering.	Oz. 30c., ¼ oz. 15c.	.05	
Crimson	Oz. 50 cts.	.10							
Choice Mixed	Oz. 50 cts.	.10							

COSMOS, NEW DOUBLE CRESTED

An entirely new class producing extremely double flowers, beautifully crested and most striking in appearance. A large percentage come true from seed both as to color and character. The few singles which this strain produces are of the largest size and very beautiful.

	Pkt.		Pkt.
Double White Queen. Snow white, crested.....	\$0.25	Crimson King. A splendid shade.....	.25
Double Pink Beauty. Shell pink, crested.....	.25	Mixed. All colors.....	.25

CYPRESS VINE (*Ipomœa Quamoclit*). Hardy Annual

A graceful climber, with feathery green foliage and star-like flowers. Finest mixed.....Oz. 50 cts. .05

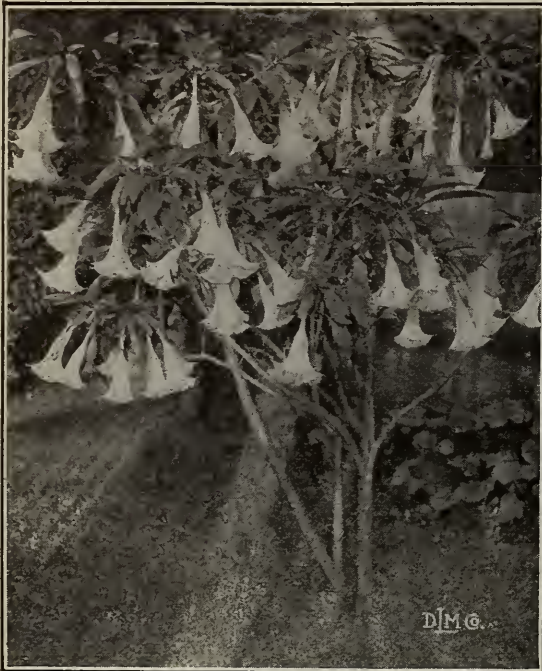
DAHLIA Half-Hardy Perennial

Dahlias can be easily raised from seed, and if sown under glass or in the house and set out in May, plants will blossom from July till frost. Give each plant its stout stake and trim off side shoots. In the fall cut off the tops, dig tubers up and place in dry sand in the cellar for the winter, where there is no frost.

These plants produce abundantly their many-hued flowers—crimsons, yellows, whites and pinks—on strong, sturdy stalks 3 to 4 feet high. Flowers are single and double, and a never-failing joy to flower lovers. Many prefer the single blooms. They catch each other's shades in such a fascinating fashion, till you never quite know what the next bloom will be. The cactus varieties are wonderfully beautiful in form and coloring. Plant them in rows in your vegetable garden if you lack room for them elsewhere—or else, plant them just to enjoy them by themselves, away from other garden flowers. You will appreciate their beauty all the more alone.

Set plants out when all danger of frost is past, 3 feet apart. Keep well staked as the flower heads are heavy. The soil should not be too rich or they will run to stalk and leaf and blossoms will suffer.

	Pkt.		Pkt.
Double, Extra-Choice Mixed. From a splendid collection.....	\$0.15	Cactus, Double, Choice Mixed.....	.10
Double, Fine Mixed. Saved from standard sorts.....	.10	Single, Splendid Mixed	Oz. \$1.00 .05
		Dahlia Roots. See page 108.	



Datura Cornucopia

DELPHINIUM (*Perennial Larkspur*)

A mass of heaven's own blue in your garden bed! Do not miss the beautiful Delphiniums, their tall spikes of bloom rising gracefully above the lower blooming flowers about them, 2 to 5 feet tall. The white sorts are as lovely. They are a strikingly beautiful sight—a glory in your garden. If the seed is sown early, they will flower the first season.

The most desirable way to raise Delphiniums is to sow in the open ground in June or July, for flowering the following season. Delphiniums will also bloom the same year if they are sown early enough, particularly the Blue Butterfly and Azure Fairy; get these in the ground during March in shallow boxes indoors or in a hot-bed. When seedlings are ½ inch high, transplant to flats 3 or 4 inches apart each way. About a week before planting out, remove to the open, protecting them on cold days and nights. Set in the border nine inches apart. They will bloom in August. By removing the faded flower stalks, they will yield a second set of blooms in the fall.

Kelway's Choice Show. The seed we offer here has been saved by Messrs. Kelway from their celebrated collection of named Delphiniums for which they have received scores of grand prizes, gold and silver medals, first-class certificates and awards of merit at the leading international expositions and from the R. H. S. of England. **Pkt. \$0.50**

W. & D.'s Gold Medal Hybrids. This is an extra fine strain. The plants are of strong, vigorous habit, with immense spikes, from 2 to 3 feet long, of large flowers, mostly in fine shades of light blue. **.25**

Azure Fairy. New. A very welcome addition to the annual section of flowers; of the Blue Butterfly type, but of a most delicate shade of light blue. About a foot in height. Blue bedding annuals are scarce. Here is one that has come to stay **Pkt. \$0.25**

- | | |
|---|--------------------|
| Belladonna. A beautiful variety, with lovely pale blue flowers; early and continuous blooming habit; 3 feet. . . . | Pkt. \$0.25 |
| Brunonianum. Very large flowers, light blue, shading to purple; sweet scented; 4 feet. | .25 |
| Cashmerianum. Dark blue flowers; very fine species; 4 feet. | .25 |
| Blue Butterfly. Dwarf; medium-blue; flowers first season from seed; excellent for cutting; 18 inches. | .15 |
| Formosum. Rich dark blue; long spikes; 2½ feet. | .15 |
| Formosum Cœlestinum. Sky-blue; handsome; 3 feet. | .20 |
| Nudicaule. Scarlet, dwarf; very fine; 18 inches. | .25 |
| Zalil (Hardy Yellow Larkspur). Long spikes, sulphur-yellow; 3 feet. | .25 |
| Grandiflorum fl. pl. Large-flowering double hybrids, saved from a superb collection of extra-double varieties. Finest mixed. | .15 |
| Finest Mixed Chinense. A splendid, large-flowering strain. ½ oz. | \$1.00 .10 |

Collection of 6 Varieties, \$1.00

Annual Larkspur. See page 79.

DAISY

- | | |
|---------------------------------|-----------------------------|
| African. See page 64. | Paris. See page 69. |
| English. See page 74. | Shasta. See page 69. |
| Swan River. See page 66. | |

DATURA (*Trumpet Flower*)

Half Hardy Annual

Of rapid growth, with large, trumpet-shaped, fragrant flowers; very showy; 3 feet.

- | | |
|--|--------------------|
| Cornucopia (Horn of Plenty). Very large flowers; outside violet blue, inside white; fragrant. | Pkt. \$0.10 |
| Golden Queen. Double, bright yellow and very showy. | .10 |
| Finest Double Mixed. Large, trumpet-shaped, double flowers; 2 feet. | .05 |



DIANTHUS (China Pinks.) Hardy Annual

This family of pinks is unsurpassed in brilliancy, endless variety of color and rich, spicy fragrance. All the single sorts have large flowers, and their brilliant and varied colors make them very desirable for beds and borders. No garden is complete without their delightful and refreshing spicy odor. They are very strong and sturdy, from the little low clove pink to the tall, graceful, carnation-like blooms so wonderful, not only in beds and borders, but also for cutting for the house.

Sow early and thinly in shallow drills. They will begin to flower in June and bloom continuously till late in the autumn, when frost nips off the blossoms. Although classed as annuals, they will frequently survive the winter, if slightly protected.

CHINENSIS (China or Indian Pinks).

Double, Finest Mixed. Very large flowers.....	Oz. 60 cts.	Pkt. \$0.05
Single, Finest Mixed. Brilliant colors.....	Oz. 50 cts.	.05

HEDDEWIGII (Japan Pinks). Unusually large flowers, measuring 3 to 4 inches across.

Single, Queen of Holland. Pure white; splendid.....	.10
Eastern Queen. Rose, striped and stained.....	.10
Crimson Belle. Very large, dark red.....	.10
The Bride (Little Gem). White, purple eye.....	.10
Snowflake. Fringed, pure white.....	.10

Nobilis (Royal Pink). Selected and improved varieties of single Japan Pinks; the flowers are nearly 4 inches across, frilled and fringed, and display the most charming colors; stems long; exceptionally valuable for cutting.....

Double, Count Kerchove. Large; double; dark blood-red, with black spots.....	.15
Fireball. Extra double; dark scarlet; beautiful.....	.10
Snowdrift. Very large; double; pure white; beautifully fringed, charming.....	.20
Salmon Queen. Salmon-red; fringed; very double.....	.10
Finest Mixed (Heddewigii hybridus fl. pl.).....	Oz. \$1.75 .10

Diadematus fl. pl. (Diadem Pink). Very unusual, attractive coloring, including pink, rose, crimson and purple grounds and all having a pretty lace-like edging of white; double. Choice Mixed.....

Imperialis fl. pl. (Imperial Pink). Double. Mixed.....

Collection of 12 Varieties, 75 cts.

HARDY GARDEN PINKS

Fine, fragrant perennial varieties, well adapted for beds and borders; 1 foot. Pkt.

Plumarius (Pheasant's Eye, or Grass Pink). Fringed, single, white with dark center.....

Plumarius fl. pl. Double, and semi-double. Mixed.....

Semperflorens (Florists' Perpetual Pink). Double, semi-double, single; great diversity of colors; fragrant.....

Scoticus (Double Scotch Florists' Pink). Superb strain... .50

CARYOPHYLLUS. See Carnations.

BARBATUS. See Sweet Williams.

DIGITALIS. See Foxglove.

DICTAMNUS FRAXINELLA (Red Burning Bush)

Showy bushy plants. 2½ ft. Red. Pkt. 10 cts.



DOLICHOS LABLAB (Hyacinth Bean)

Half Hardy Annual

Rapid-growing climbers; flowers freely in erect racemes of pea-shaped blossoms, followed by ornamental seed-pods; 10 feet. Mixed, pkt. 5 cts., oz. 25 cts.

EREMURUS (Gold Medal Hybrids) H. P.

Enormous plants requiring a sunny aspect in the perennial border: our strain includes yellow, rose, pink and white. Pkt. 50c.

ERINUS ALPINUS.

Hardy Perennial

Blue flowers; beautiful for baskets and rockwork. ¼ foot. Pkt. 25 cts.

EUPATORIUM FRASERI. Hardy Perennial

Pretty white flowers, borne in clusters; fine for cutting; flowers first year from seed; 1 foot. Pkt. 10 cts.

EUPHORBIA. Hardy Annual

Pkt.

Heterophylla (Annual Poinsettia) Mexican Fire Plant. (See cut). Bushy plants with glossy, green leaves, changing to orange-scarlet in mid-summer; of a striking appearance; like the Xmas Poinsettia; 3 feet.....

Variegata (Snow-on-the-Mountain). Glossy green foliage veined and margined with white; 2 feet.....

EVERLASTING FLOWERS. See Helichrysum



ENGLISH DAISY (Bellis Perennis)

Half-Hardy Perennial

One of the earliest and most charming of the spring-flowers, suitable for edging and unsurpassed for pot culture. From a clump of compact green leaves, which always keeps its tidy outlines (if one may use such an expression), rise the many-petaled little daisies, white and daintily tinted pink, 4 inches high. This is a favorite plant for edging, for children's gardens and for window boxes. It will stand the winter if given the protection of dead leaves and straw.

Sow seed in shallow drills early in spring. When plants are well started, transplant to beds 6-inches apart. They bloom quickly, but the finest flowers come in the cool fall months. Well-drained soil makes them hardy. Sow again in August and keep plants in cold-frame over winter; they will then be ready to bloom in early April, and are splendid for bedding, especially as an edging around a bed of pansies.

Longfellow. Large, double, pink flowers....	1/8 oz.	\$0.75	Pkt. \$0.10
Snowball. Pure white, large and very double.	1/8 oz.	.75	.10
Double Large-Flowering, Finest Mixed....	1/8 oz.	.50	.10
New Giant Double Daisies. Enormous, fully double flowers, 2 1/2 inches to 3 inches in diameter.			
Giant Pink.....			Pkt. \$0.25
Giant White.....			.25
Giant Mixed.....			.20

ECHINOCYSTIS LOBATA. See Wild Cucumber.

ESCHSCHOLTZIA

(California Poppy.) Hardy Annual

The golden glory of our western prairies brought into our own flower gardens! An exquisite species of poppy, with a peculiarly beautiful tinting in its satiny petals, pale without, deep rich coloring within, running through the reds, oranges and deep golden yellows to the white. The bright cup-like blossoms are exquisitely set off by the finely cut, silvery gray-green foliage which so enhances their beauty. Profuse bloomer—easily raised from seed.

Sow thinly in shallow drills, early in spring, where flowers are to grow and bloom. If you desire a whole bed of them, sow the seed broadcast and rake in lightly. Thin plants later to stand 8 to 10 inches apart.

Californica. Bright yellow.....	Oz. 50 cts.	Pkt. \$0.05
Alba. Pure white.....	Oz. 50 cts.	.05
Maroon (New). Of the California type. Flowers beautiful maroon, a most vigorous grower.	1/4 oz. 75 cts.	.20

BUSH ESCHSCHOLTZIA (Hunnemannia Fumariæfolia)

Grows into a bush 2 feet high, with large, cup-shaped flowers, 3 inches across, on stems 12 inches long; the color is of clear bright yellow, contrasting vividly with the bunch of golden stamens in the center.....Oz. \$1.00, pkt. 10 cts.



Bellis

Carmine King. Carmine-rose on both sides of petals..	Pkt. \$0.10
Mandarin. Deep orange; outside scarlet.....	.10
Golden West. Very large flowers, golden yellow.....	.10
Single Finest Mixed. All colors.....	Oz. 40 cts. .05
Double Finest Mixed. Very fine.....	1/2 oz. 75 cts. .10



FOUR O'CLOCK *(Marvel of Peru)* *Mirabilis* Hardy Annual

So called because it opens its blossoms at that hour in the afternoon. Its flowers have a strange fashion of remaining closed till about four o'clock, when they all open together. Within fifteen minutes, the plants are a glowing mass of bloom. It is a handsome free-flowering annual of rapid growth, with massive, many-branched bushes, 2 feet high, completely covered with these large, scented flowers, somewhat resembling the morning glory. There are white, crimson, yellow and striped varieties. Each plant will bear throughout the summer hundreds of these brilliant blossoms.

Sow seed thinly in drills where the plants are to bloom, as soon as danger from frosts is past in the spring—or they may be started in hotbeds or in shallow boxes of soil in a warm, sunny window, to be planted outdoors when the trees are fully out in leaf. **Finest mixed, oz. 30 cts., pkt. 5 cts.**

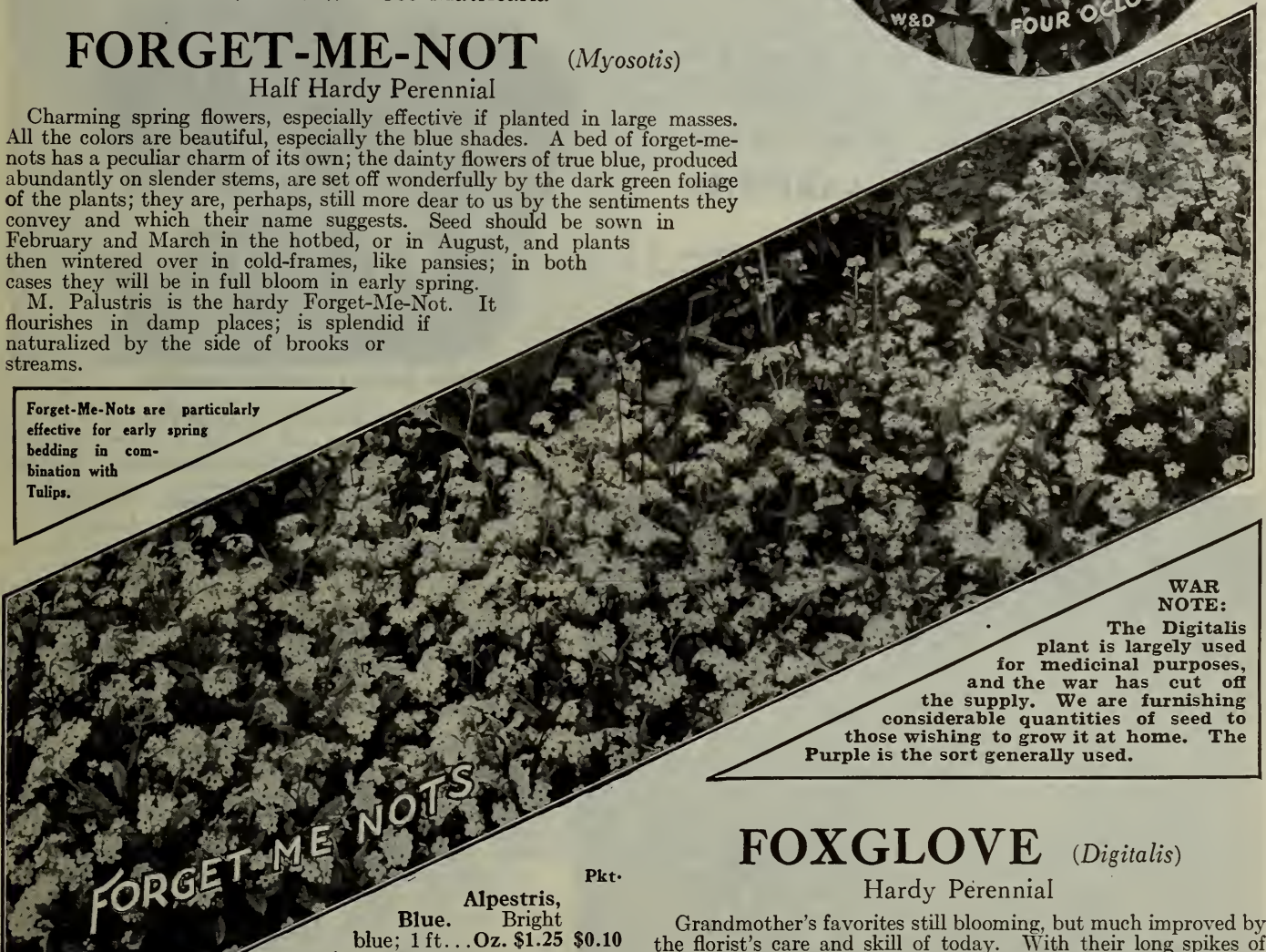
FEVERFEW. See *Matricaria*

FORGET-ME-NOT *(Myosotis)* Half Hardy Perennial

Charming spring flowers, especially effective if planted in large masses. All the colors are beautiful, especially the blue shades. A bed of forget-me-nots has a peculiar charm of its own; the dainty flowers of true blue, produced abundantly on slender stems, are set off wonderfully by the dark green foliage of the plants; they are, perhaps, still more dear to us by the sentiments they convey and which their name suggests. Seed should be sown in February and March in the hotbed, or in August, and plants then wintered over in cold-frames, like pansies; in both cases they will be in full bloom in early spring.

M. Palustris is the hardy Forget-Me-Not. It flourishes in damp places; is splendid if naturalized by the side of brooks or streams.

Forget-Me-Nots are particularly effective for early spring bedding in combination with Tulips.



WAR NOTE:

The *Digitalis* plant is largely used for medicinal purposes, and the war has cut off the supply. We are furnishing considerable quantities of seed to those wishing to grow it at home. The Purple is the sort generally used.

FOXGLOVE *(Digitalis)*

Hardy Perennial

Grandmother's favorites still blooming, but much improved by the florist's care and skill of today. With their long spikes of close-hung bells, white, cream and rose red, with beautiful markings, they rise in stately, graceful dignity, 4 to 5 feet. They are especially attractive among shrubbery and invaluable for borders; but in any garden spot whatever they are very lovely. **Pkt.**

Purple, White, Rose, Yellow. Each. Oz. 75 cts. \$0.10
Finest Mixed. Oz. 60 cts. .05

GLOXINIOIDES. Fine varieties, with spotted Gloxinia-like flowers:

White. Oz. \$1.25 .15
Purple. Oz. \$1.25 .15
Rose. Oz. \$1.25 .15
Finest Mixed. Oz. \$1.00 .15

Monstrosa, Splendid Mixed (Mammoth Foxglove). A beautiful class; the tall spikes have a monstrous saucer-shaped terminal flower, very odd and pretty.15

	Pkt.
Alpestris, Blue. Bright blue; 1 ft. Oz. \$1.25	\$0.10
Alba. White . . . . .	.10
Sutton's Royal Blue. Deep indigo blue Oz. \$2.00	.15
Victoria. Sky blue; dwarf; globular; the finest variety for pots and borders; 6 in. $\frac{1}{4}$ oz. \$1	.15
Finest Mixed. Oz. \$1.00	.05
Hybrida, Ruth Fischer. Compact, dwarf, largest blooming and best Forget-Me-Not for pots. . . . .	.50
Love Star. Blue; very dwarf; dark green foliage; charming. . . . .	.25
Dissitiflora, Perfection. Extra large; sky blue; very early. . . . .	.25
Palustris. True Marsh Forget-Me-Not; blue. $\frac{1}{8}$ oz. \$1.25	.25
Semperflorens. Dwarf; blue; blooms continuously from early Spring till Autumn. $\frac{1}{8}$ oz. \$1.00	.20

THE ALICE DON ASTER IS A WINNER



W. & D.'s Superb Double Giant "Featherball" Gaillardia

One of the Grandest Annuals for Cutting
Blooms Profusely and Continuously from June Until Frost

And is altogether one of the finest, showiest and most easily grown annuals we know. The flowers are extremely large, from 2½ to 3 inches across and perfectly double. The numerous flower petals curve inwardly and overlap each other loosely, forming a dense, round, feathery, ball-shaped bloom, gracefully carried on an extra long, slender stem.

W. & D.'s Superb Giant Featherball Gaillardias grow about 2 feet high and are most effective if planted in masses, in beds or borders. The plants should be set from 6 to 8 inches apart. They grow quickly, branch freely and in a short time cover the soil completely with rich, green foliage, sending forth a perfect mass of the finest double flowers continuously and without interruption from June until frost, ranging in colors from crimson, pink, garnet, creamy white, orange, through all shades of yellow.

For very early blooming, seeds may be started in the house or cold frame in March and the plants set out about May 1st, or they may be sown outdoors the end of April.

Pkt. 15 cts., ¼ oz. 35 cts., ½ oz. 60 cts., oz. \$1.00

OTHER GAILLARDIA VARIETIES

ANNUAL VARIETIES

Very showy and lasting annuals, useful alike for cutting or as border plants; they flower uninterruptedly from early summer until frost; the flowers are of large size and afford charming tints in their color schemes; 2 feet.

Amblyodon. Rich blood red. Pkt. \$0.15

W. & D.'s Large-Flowered Single. Finest mixed. An exceedingly showy and effective strain, producing throughout the Summer and Autumn large flowers of various colors, some banded with gold. Oz. 60 cts. .10

Picta, Salmon. Delicate shade of salmon. Pkt. .05

Collection of 6 Distinct Annual Varieties, .60 cts.



Giant Double Featherball Gaillardias

PERENNIAL VARIETIES

Require no protection and do well in almost any soil; beautifully colored flowers, 3 to 4 inches across; will bloom the first season if sown early; 2½ feet.

Kelway's Exhibition, Hardy Border Strain.

Entirely distinct from the old kind. A grand new improved strain. Enormous flowers and very stout habit. Many medals and certificates have been awarded by the Royal Horticultural and other Societies. Pkt. .50

Grandiflora. Splendid mixed. ¼ oz. 75 cts. .10

Compacta. Dwarf hybrids. Fine mixed. Oz. \$1.25 .15

Maxima. Golden yellow; fine. ½ oz. 75 cts. .15

Semiplena. Superb semi-double; very large blooming varieties. Mixed. .25

GERANIUM. (*Pelargonium*)

These grow very freely from seed, and the raising of Geraniums is a delightful and fascinating occupation. Many new varieties are created in this way. Pkt. \$0.15

Zonale. Fine Mixed. .50

Fancy Varieties. Large-flowering show sorts, blotched and spotted; very showy pot-plants for the house or conservatory. .50

GEUM

A striking hardy perennial. 1½ ft. high.

Atrosanguineum fl. pl. Double deep scarlet. .10

Mrs. J. Bradshaw. Flowers of the brightest scarlet, very large and quite double. .25

GLOBE AMARANTH (*Gomphrena globosa*)

Hardy Annual

Popularly known as "Bachelor's Buttons." Extremely pretty, everlasting flowers, resembling clover-heads; can be cut and preserved for winter bouquets; 2 feet. Pkt. \$0.05

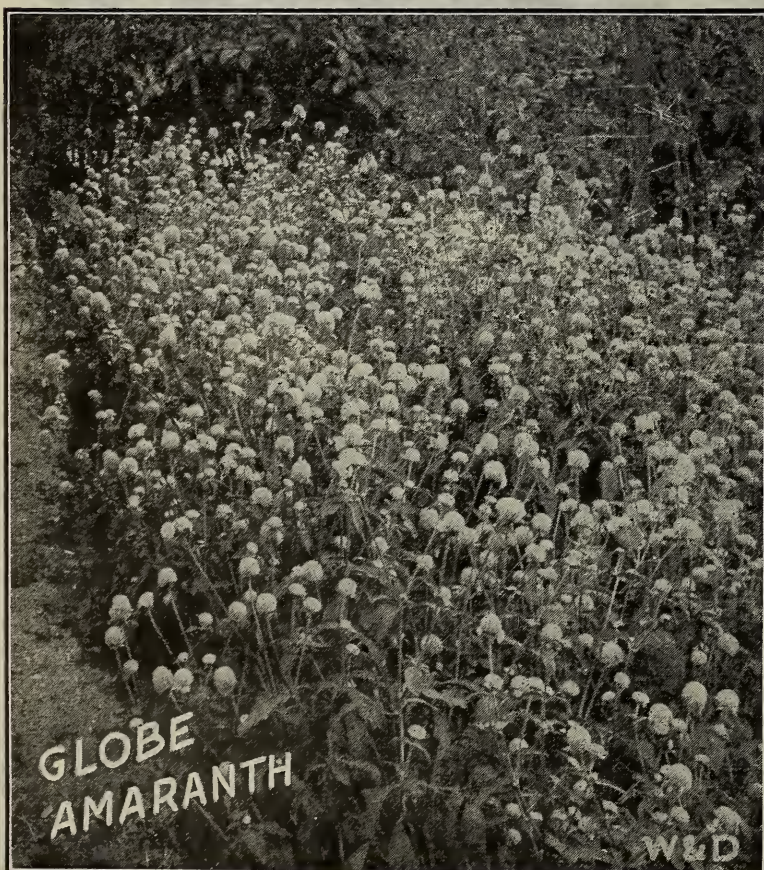
Aurea Superba. Golden yellow. .05

Alba. Pure white. .05

Rosea. Deep pink. .05

Rubra. Purple; especially effective in borders. Oz. 50 cts. .05

Finest Mixed. Oz. 40 cts. .05



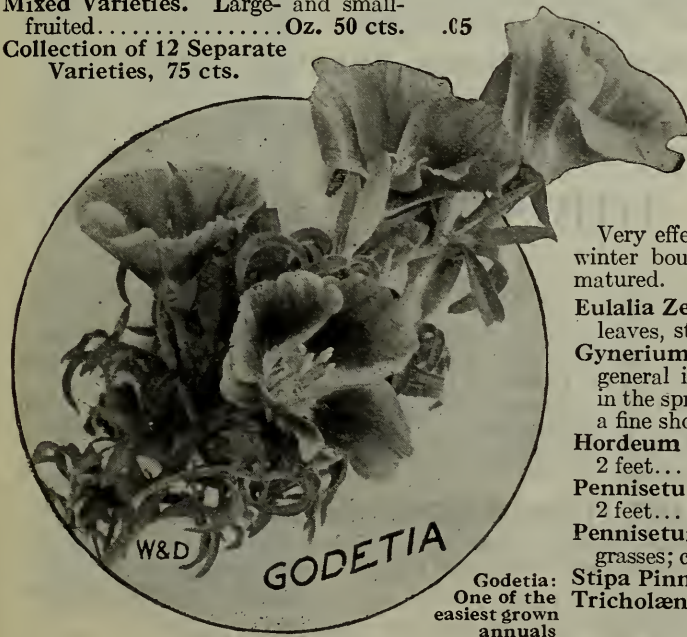
OUR MASTERPIECE ASTER IS JUST THAT. TRY IT.

A black and white photograph showcasing a variety of gourds and squash. In the upper left, the text "TYPES OF GOURDS" is printed in a bold, sans-serif font. The collection includes a dark, ribbed squash on the left, a large, light-colored, smooth gourd in the center, a small, round, bumpy gourd in the center, a large, dark, smooth gourd on the right, and a small, round, bumpy gourd in the foreground. The gourds are arranged in a cluster, with some overlapping. The background is a plain, light color. In the bottom right corner, there is a small logo that reads "W&D".

A sturdy, vigorous, rapid-growing climber, useful for covering trellises, old stumps and fences. The fruits are most curious and ornamental, very strange in shape and colors, seeming like queer freaks of nature, with their bottles, cups and pipes. The foliage is very luxuriant and often as curious as the fruit. They are free from insect pests. Pkt.

Calabash, or African Pipe Gourd. Produces the ornamental gourds from which are made the African calabash pipes now so popular on account of their lightness, grace and meerschaum-coloring qualities. . . . **Oz. 50 cts. \$0.10**

Angora. Variegated leaves and striped fruit; one of the finest gourds.....	.10
Bottle-Shaped.....	.05
Dipper-Shaped.....	.05
Dish-Cloth (Chinese Luffa, or Sponge).....	.05
Egg-Shaped. Useful as nest-eggs.....	.05
Hercules' Club. Very large.....	.05
Orange-Shaped. (Mock Orange)....	.05
Mixed Varieties. Large- and small-fruited.....	Oz. 50 cts. .05
Collection of 12 Separate Varieties. 75 cts.	



Very desirable plants, with large, mallow-like flowers, varying from pure white to all shades of pink and crimson. They grow quickly, bloom abundantly and are exceedingly showy. Excellent for beds and borders. The double varieties are splendid for cutting; 1 foot.

W. & D.'s Double Crimson.	This is an entirely new departure in Godetias. The plants grow about 2 feet high; flowers are very double and are borne in tiers of bloom all over the plant; 2 feet.	\$0.10
W. & D.'s Double Rose.	A lovely bright rose; same habit as above variety.	.10

Crimson Glow.	Compact, vivid and intense; very fine .	.10
Duchess of Albany.	Satiny white.....	.05
Fairy Queen.	White, passing to blush, carmine spots...	.05
Lady Satin Rose.	Bright carmine; extra.....	.10
Rosamond.	Shell-pink; compact.....	.05
Finest Mixed.	Compact varieties.....	Oz. 70 cts. .05

Hardy Annuals and Hardy Perennials

Very effective for borders and ornamental gardening, also when dried; for winter bouquets, for which purpose they should be gathered before fully matured.

Eulalia Zebrina Variegata (Zebra Grass). HP. Long, narrow, green leaves, striped white, feathery plumes.....	\$0.10
Gynerium Argenteum (Pampas Grass). HP. Contrary to the general idea, Pampas Grass grows very rapidly from seed planted in the spring, and soon develops into a magnificent specimen. Makes a fine show in the garden; useful for decoration; 10 feet.....	.10
Hordeum Jubatum (Squirrel Tail). HA. Elegant for bouquets; 2 feet.....	.05
Pennisetum Longistylum Villosum . HA. Grayish colored plumes; 2 feet.....	.10
Pennisetum Ruppelianum . HA. One of the best ornamental grasses; crimson plumes; 1½ feet.....	.10
Stipa Pinnata (Feather Grass). HP. One of the prettiest; 2 feet...	.15
Tricholæna Rosea . HA. A beautiful rose-tinted grass; 2 feet.....	.05

Collection of 12 Separate Varieties, 50 cts.

PLANT OUR BRILLIANT PHLOX DRUMMONDII

HOLLYHOCK Hardy Perennial

These old-time favorites never lose their place in our hearts. No old-fashioned garden could be planned without them, and every new-fashioned garden needs them. For distant effect in large groups, they are matchless. They form a showy and effective outline in garden beds and borders. When planted in borders, however, they must have sufficient room to develop their profuse and heavy foliage without over-shadowing the humbler plants around them.

Hollyhocks are a constant delight and surprise in their diversity of form and color. The tall, stately spikes of bloom, 4 to 8 feet, rise from a wonderfully luxuriant growth of silvery green foliage, a fit setting for the crimson, cream, rose-pink and yellow of the blossoms. The blossoms, themselves, vary in fascinating fashion—single, double, crinkled, plain, flounced and fringed varieties, till you wonder which is the most beautiful.

We wish to call attention to our Annual Ever-Blooming Hollyhocks, which bloom the first year from seed and are just as hardy as the perennial varieties. The seed offered has been saved from exhibition flowers and cannot fail to produce superb blooms. When sown early and set out in May, these Annuals begin to bloom in July, continuing until frost. Those sown in May bloom in August.

The ordinary or perennial Hollyhocks should be sown in June or July for flowering the following season.

Everblooming Annual Hybrids. A splendid mixture of double, semi-double and single varieties.	1/2 oz.	\$1.50	Pkt. \$0.10
Chater's Double Canary-yellow.	1/4 oz.	\$1.25	.20
Double Crimson.	1/4 oz.	\$1.25	.20
Pink.	1/4 oz.	\$1.25	.20
Salmon-rose.	1/4 oz.	\$1.25	.20
Maroon.	1/4 oz.	\$1.25	.20
White.	1/4 oz.	\$1.25	.20
Extra Choice Mixed.	1/4 oz.	\$1.00	.15
Double. Fine mixed.	1/2 oz.	\$1.50	.10
American Fringed. Splendid double and semi-double hybrids, elegantly fringed petals.	1/2 oz.	\$2.00	.15
Single-Flowering. Finest mixed.	1/2 oz.	.75	.05

Collection in 6 Varieties (Chater's Double), 75cts.

HELENIUM (Sneezewort)

Helenium Autumnale Superbum. HP. Showy and very valuable for cutting, flowering abundantly in late summer; 5 feet; golden yellow. Pkt. \$0.10

HELIANTHUS. See Sunflower

HELICHRYSUM. (Everlasting, or Straw Flower.) Hardy Annual
Exceedingly pretty and effective border plants; flowers are highly prized for winter bouquets.

Monstrosum fl. pl. Splendid double, mixed; very showy and rich colors. Pkt. 1/2 oz. \$0.50 \$0.05



HOLLYHOCKS

HELIOTROPE. Half Hardy Perennial

Deliciously fragrant flowers, equally prized in the conservatory and flower-garden. Plants raised from seed bloom the first season. Pkt.

Queen Marguerite. Dwarf; dark blue; immense flower-heads; superb. \$0.25
Giant-Flowering (Lemoine's). Finest mixed. .20
Finest Mixed. All colors; an excellent strain. .15

HEUCHERA SANGUINEA HYBRIDA. (Alum Root)

Hardy Perennial

Excellent for the hardy border and pot culture; graceful spikes of bloom; fine for cutting. Choice mixed. Pkt. 20 cts.

HIBISCUS (Marshmallow)

Hardy Annual and Perennial

Showy plants of vigorous growth, producing large, handsome, cup-shaped flowers; 2 to 5 feet.

Moscheutos (Swamp Rose Mallow). HP. Flowers 6 inches in diameter; of a rosy red with dark center. Pkt. \$0.10

Crimson Eye. HP. Flowers of the largest size; pure white, with a large spot of velvety crimson in the center. .10

Giant Yellow, or Golden Bowl. HA. Cup-shaped flowers, from 6 to 9 inches in diameter; rich golden yellow, maroon center. Blooms early and continuously until cut down by frost. .10

NEW GIANT-FLOWERING MARSHALLOWS. (Hibiscus)

A wonderfully improved form of our native Marsh Mallow, on which flowers of enormous size, frequently 10 to 12 inches in diameter have been developed. Pkt. 25 cts.



Helichrysum (Straw Flower)

"A WOMAN'S HARDY GARDEN." Interesting and instructive book on growing the hardy plants: by ELY.

POSTPAID \$1.75

HONESTY. See Satin Flower

HUNNEMANNIA FUMARIÆFOLIA. (*Giant Yellow Poppy or Bush Eschscholtzia*) Hardy Annual
Large, buttercup-yellow, poppy-like blossoms produced continuously until frost; fine for cutting. Pkt. 10 cts., oz. \$1.00

HYACINTH BEAN. See Dolichos.

IBERIS. See Candytuft

IMPATIENS (*East African Everblooming*)
Balsam)

Half Hardy Annual

Charming plants for the house and for bedding out; do best in partial shade; they bloom continuously until frost and are very showy; 2 feet.

Holstii. Brilliant vermilion; splendid.....	Pkt. \$0.25
Holstii Hybrids. Choice mixed.....	.25
Sultani. Bright rose.....	.25

IPOMŒA. See Moonflower

INCARVILLEA

Delavayi (Hardy Perennial Gloxinia). Rosy carmine, splendid Gloxinia-like flowers in clusters, on stems 18 in. high..... .15

ICE PLANT (*Mesembryanthemum Crystallinum*).

Hardy Annual

These are very singular little plants of dwarf habit growing from 6 to 12 inches high. They grow in trailing fashion and are consequently much used in garnishing. Their leaves are sometimes covered with tiny drops of water, condensed from the air about them, which so resemble tiny ice crystals that it has given the plant its name. Very useful plant for rock work and for growing in pots.....Pkt. 5 cts.

JAPANESE HOP

(*Humulus*)

A Hardy Annual Climber

A splendid rapid summer climber, resembling the common hop, but, being an annual, attains its full perfection the first season. Its foliage is dense, luxuriant and very ornamental. This is one of the best vines for covering verandas and trellises. It is little affected by heat or drought or troubled by insects.

Japonicus. Splendid climber Pkt. of fast growth, and very ornamental; 12 feet. ¼ oz. 25 cts. \$0.10

Japonicus Foliis Variegatis.
Leaves rich green, blotched and marbled with creamy white; 10 feet. ¼ oz. 30 cts. .10

KENILWORTH IVY

See Linara

KOCHA TRICHOPHYLLA

See Summer Cypress



Gentlemen:—It gives me great pleasure to inform you that the plants reached me in excellent condition, have been set out and are doing finely. They are, each one of them, strong, fine plants, and I thank you for your careful and very satisfactory filling of my order. I would be glad to have your catalog. Very truly yours,
Toms River, N. J. W. BURTIS HAVENS.

KUDZU VINE

A fast growing vine with large leaves and clusters of pea-shaped flowers. It will grow from 40 to 60 feet in a season. Hardy perennial.Oz. \$1.50, pkt. 10c.

LARKSPUR Hardy Annual

One of the old-fashioned flowers, improved by culture. Larkspurs grow rapidly, are easy to cultivate and are extremely showy in beds or in borders. Their long, slender, blue, white and pink spikes are very graceful; whether in the old-fashioned garden, in the shrubby border, or in the vase on your table indoors, they are equally adaptable. The wide range of intermediate shadings makes them a delight. They will thrive in almost any soil, but a sunny situation suits them best.

Sow seed thinly in shallow drills, early in the Spring, when the trees begin to leaf out. When well started, thin out or transplant to 6 inches apart for dwarf varieties, 1 foot for the taller sorts.

Double Tall branching, or Stock Flowered. The finest class of all Larkspurs for cutting and borders, with long spikes of large, double flowers; 3 feet.

White.....Pkt. \$0.10	Dark Blue.....\$0.10	Rosy Scarlet.....\$0.10
Shell-Pink.....Pkt. .10	Lustrous Carmine.... .10	Finest Mixed, oz. 60c. .10

Dwarf Rocket, or Hyacinth-Flowered. Finest double, mixed; 1 foot.....Oz. 50 cts. .05

Tall Rocket (*Delphinium elatior fl. pl.*). Finest double mixed; 2½ feet.....Oz. 50 cts. .05

Newport Scarlet. Beautiful, rosy scarlet, free-flowering sort, of great value for cutting. If sown outdoors in early spring, plants will begin to flower in July.....¼ oz. 75 cts. .15

PERENNIAL LARKSPUR. See Delphinium.



Larkspur

CULTURAL LEAFLET: "HARDY CLIMBING PLANTS," FREE—ASK FOR IT

LOBELIA Half Hardy Annual

Dainty little masses of bluest bloom, round and compact, 4 to 6 inches high, invaluable for bedding, edging or ribbon gardening, and excellent for potting purposes. For permanent beds and borders Lobelias are unrivaled. They are among the few plants that will grow in shady situations.

Lobelia Gracilis is particularly noted for its value in hanging baskets, or as a finish to flower vases. The great profusion of its dainty, fairy-like little blossoms, and its gracefully trailing habit of growth, in sprays from 6 to 9 inches in length, has won it great popularity, a popularity well merited, as for these purposes it is certainly unexcelled. There are also varieties in deeper blues and rose. The brilliant "Cardinal flower" found in August swamps and meadows is also one of this family.

The seeds are very small and should be sown in shallow boxes in a warm, sunny window or in shallow drills out of doors, when trees start to leaf, barely covering the seeds from view. The young plants, when ready, may be dug up in clumps an inch across and set out in borders 4 inches apart. They will spread rapidly and form a solid border. Lobelias grow and bloom best in quite cool weather.



Lobelia

	Pkt.
Erinus Gracilis. Blue; trailing..... ¼ oz. 50 cts.	\$0.10
Royal Purple. Deep blue with white eye; very fine..... ¼ oz. 75 cts.	.20
Speciosa. Dark blue; dark foliage..... ¼ oz. 75 cts.	.20
Crystal Palace Compacta. Best dark blue sort for edging; 6 inches..... ⅛ oz. 75 cts.	.25
Lindleyana. Rose.....	.10
Erinus, Emperor. Light blue; very fine.... ¼ oz. \$1.00	.20
White Gem. Forms a perfect ball of show-white flowers.	.20
Tenuior. Has very large, bright blue flowers, about 1 inch in diameter; 18 inches.....	.25
Erinus, Finest Mixed..... ¼ oz. 50 cts.	.10

PERENNIAL LOBELIA

Cardinalis Illumination (Cardinal Flower). Large, thick spikes of glowing scarlet flowers of striking appearance; 2 feet.....	.35
Fulgens, Queen Victoria. A beautiful variety with dark bronzy foliage and brilliant flowers; 3 feet.....	.50

LATHYRUS (Perennial Sweet Peas)	Pkt.
Latifolius. Mixed..... Oz. 60 cts.	\$0.10
ODORATUS. See Sweet Peas.	

LAVANDULA VERA (Sweet Lavender). Hardy Perennial

Fragrant blue flowers used in perfumery; 3 feet.
Pkt. 10 cts., oz. \$1.25

LAVATERA TRIMESTRIS ROSEA SPLENDENS (Annual Mallow). Hardy Annual

Effective in large beds and borders; large, cup-shaped, pink flowers; 2 feet
Pkt. 10 cts., oz. \$1.00

LEPTOSYNE. Hardy Annual Pkt.

Stillmanni. A beautiful bright yellow Marguerite, long stems and very free flowering, a great favorite for forcing in greenhouses. Flowers six weeks after sowing. Excellent for cutting.....	\$0.20
Maritima. Deep golden yellow, flowers somewhat larger than the above, highly recommended for greenhouse or outside work.....	.25

LINARIA CYMBALARIA (Kenilworth Ivy, or Mother of Thousands) Hardy Perennial

Violet flowers; trailing; for baskets, pots and rockwork..... Oz. 60 cts. Pkt. \$0.10

LINUM (Flax). Hardy Annual and Hardy Perennial

Free-flowering plants of easy cultivation; very showy.

Grandiflorum Rubrum. HA. Scarlet Flax..... Oz. 40 cts.	.05
Perenne. HP. Bright blue; flowers all summer; 18 inches.....	.10
Flavum. HP. Yellow; 1 foot.....	.25

LEONTOPODIUM ALPINUM (Edelweiss). Hardy Perennial

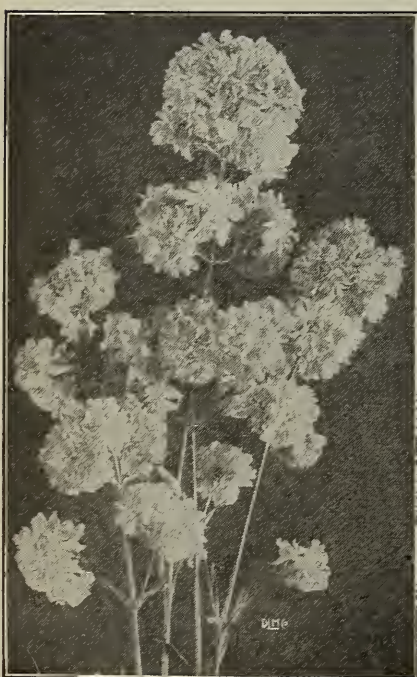
White. This is the flower so eagerly sought by tourists in the Alps..... .25

LUNARIA BIENNIS (Honesty). Hardy Biennial

A curious plant grown for its peculiar, transparent seed-pods, which are used as Winter decoration.
Pkt. 10 cts.

LYCHNIS. Hardy Perennial Pkt.

Chalcedonica (Jerusalem Cross). Scarlet.....	\$0.05
Haageana Hybrida. Dwarf varieties; 1 foot. Fine mixed.....	.25
Viscaria Splendens. Deep pink; 1½ feet.....	.10
Arkwrightii. A cross between Chalcedonica and Haageana with flowers that are greatly improved. Grows from two to three feet high. Received many R. H. S. certificates.....	.35



Lychnis Viscaria Splendens

LUPINUS Hardy Annuals and Perennials

Among the best and most admired of tall border plants. They should have a place in every garden, being as easy to cultivate as the Larkspur and the Sunflower. They grow to a height of from 3 to 4 feet with a quantity of graceful foliage and beautiful long racemes of pea-like flowers in a great variety of colors. They are veritable rainbows in their variety of color—scarlet, yellow, rose, blue and white. The leaves are gracefully seven-fingered and very beautiful. They are wonderfully effective in your shrubby border. Try them and see. This class of plant is very interesting and should be more generally cultivated.

Both annual and perennial varieties may be sown in the open in May. When the plants grow, they should be thinned out, leaving twelve inches between them.

Hartwegii, blue. HA. Beautiful rich blue; long spikes.....	Oz.	\$1.00	Pkt. \$0.05
Hartwegii, white. HA. Pure white.....	Oz.	50 cts.	.05
W. & D.'s Scarlet Beauty. HA. The finest of all Lupins; extra-long spikes of brilliant scarlet flowers slightly shaded with white.....	Oz.	50 cts.	.10
Luteus, Romulus. HA. Handsome spikes of very large, orange-yellow blooms.....			.10
Annual Sorts, Mixed.	Oz.	25 cts.	.05
Polyphyllus Roseus. HP. Spikes of large, rose flowers; 3 feet.....	¼ oz.	50 cts.	.15
Moerheimi. HP. New. Flowers rose and white; blooms continuously all through the summer.....			.20
Perennial Sorts, Mixed.	Oz.	30 cts.	.05

MALOPE GRANDIFLORA. Hardy Annual

Mallow-like flowers; very showy; 2 feet.

White.....	Oz.	50 cts.	.15
Pink.....	Oz.	50 cts.	.15
Mixed.....	Oz.	25 cts.	.10

MALVA MOSCHATA (Musk Mallow).

Hardy Perennial

Rose; sweet-scented; will flower the first year from seed; 2 feet.....Pkt. 10 cts.

MARVEL OF PERU. See Four o'Clock



MATRICARIA (Feverfew).

Hardy Annual

Capensis fl. pl. Double white flowers borne in great profusion all summer; 18 inches.....Pkt. 10 cts.

Golden Ball. A beautiful annual, forming compact, bushy plants, covered with intensely double golden yellow flowers, resembling those of the pom-pom Chrysanthemum. A capital plant for bedding.....Pkt. 20 cts.

MECONOPSIS

Integrifolia. Hardy Perennial. The new hardy yellow Poppy from Thibet; soft primrose-yellow, flowers are as large as peonies.....Pkt. 50 cts.

Wallichii. A new hardy poppy from Thibet with beautiful pale-blue flowers measuring 6 to 8 inches in diameter and resembling in shape those of the Oriental Poppies.....Pkt. 50 cts.

MESEMBRYANTHEMUM CRYSTALLINUM

See Ice Plant

MIMOSA PUDICA (Sensitive Plant).

Half Hardy Perennial

The leaves close and droop when touched or shaken. Pkt. 10 cts., oz. 50 cts.

MIMULUS. Half Hardy Perennial

Showy, profuse-flowering plants; fine for greenhouse or moist, shady situations, blooming the first year from seed if sown early; grows 1 foot high.

Tigrinus. (Monkey Flower.) Fine mixed spotted varieties. Pkt. 10 cts.

Moschatus. (Musk Plant.) Fine for hanging baskets, etc.; small yellow flowers; fragrant foliage.....Pkt. 20 cts.

MOMORDICA. Half Hardy Annual

Balsamina. (Balsam Apple.) Orange fruit; 10 ft. Pkt. 5 cts., oz. 40 cts.

Charantia. (Balsam Pear.) Copper-colored fruit. Pkt. 5 cts., oz. 40 cts.

MONARDA DIDYMA. See Bee Balm, page 66



Malope Grandiflora

ASTERS ARE OUR SPECIALTY

MARIGOLD Half-Hardy Annual

These old-time favorites, so well known to us all, will make a gorgeous display in your garden. Their masses of bright yellow blossoms are like veritable sunbursts in your border or under your shrubbery hedge. They are stocky and strong, easy to cultivate, quick growers and profuse bloomers—everything in their favor. When the summer garden is full of bloom, one perhaps does not fully realize their beauty, but when the garden grows brown and bare, they stand out in all their brilliance against some fading shrubbery, and you are so glad you have their cheery brightness to lighten your autumn garden.

DOUBLE AFRICAN LARGE-FLOWERING VARIETIES

Orange Prince. Double flowers of rich, deep golden orange color; very showy; 2½ feet.	½ oz. \$1.00	Pkt. \$0.10
Lemon Queen. Another fine variety, with soft, lemon-yellow flowers and forming a fine contrast to the rich orange of the preceding; 2½ feet.	½ oz. \$1.00	.10
Pride of the Garden. Extra-large, double flowers of rich yellow; dwarf and neat.	½ oz. \$1.00	.10
Eldorado. Flowers very large, imbricated and extremely double; in all shades of yellow.	Oz. \$1.25	.10
African Double, Mixed.	Oz. 50 cts.	.05
Collection of Double African, 6 Varieties, 50 cts.		

DWARF DOUBLE FRENCH VARIETIES

Aurora. Fiery red, flushed with pale yellow, very double and quite a new color in marigolds.	Pkt. \$1.00	.10
Dwarf Gold-Striped. Very double chestnut-brown, striped golden yellow.	Oz. \$1.00	.10
Dwarf Brown. Beautiful reddish brown; double.	Oz. 50 cts.	.05
Legion of Honor. (Little Brownie.) Single; dwarf golden yellow, blotched velvety crimson; a splendid sort for edging.	Oz. 50 cts.	.05
French Dwarf Double, Mixed.	Oz. 40 cts.	.05

Collection of Dwarf French Marigolds, 6 Varieties, 50 cts.
POT MARIGOLD. See Calendula, page 66.

MIGNONETTE (Reseda Odorata)

This sweet old-fashioned flower is loved by everyone and certainly deserves its popularity.

Sow outdoors in May, as it does not transplant well. It does best in a rich, cool soil, therefore a half-shaded place should

be selected and the soil fertilized. A sandy soil will give it a richer fragrance, but will not develop the blooms so well; nor will the plant grow as vigorously.

If it be necessary to transplant the young seedlings, it should be done when they are quite small, the weather cool and cloudy, and the soil quite moist.

Make a second planting about August 1st, taking care to keep the soil well over the seeds to insure germination. This will give the longest and finest blossom of the season during the cool fall months, and no flower in your garden will be more appreciated than these quiet, little, inconspicuous flowers that seem almost like the grass at your feet, but for their wondrous fragrance. Who ever forgets the scent of the late mignonette, the only bit of sweetness left in the garden when the autumn days come?

W. & D.'s Forcing Mignonette "Matchless." A highly perfected and unequalled strain of Mignonette for greenhouse forcing; of robust and vigorous growth, producing immense, well-formed spikes of deliciously fragrant flowers. When we say unequalled, we mean that there is no strain, no matter by whom offered, that can compare with our "Matchless" in perfection, length and thickness of its spikes and general health and vigor of the plants. Pkt., containing 150 seeds, \$1.00

Goliath. Red, enormous spikes; very fine. ¼ oz. \$1.00 .25

New York Market. A very fine strain and, next to "Matchless," the best for forcing. ¼ oz. \$1.00 .25

W. & D.'s Leviathan. A splendid strain, especially selected by us for outdoor bedding. Under favorable conditions, the spikes will attain a length of 10 to 12 inches. Can also be grown in pots for winter or spring flowering. Oz. \$1.00 .15

Bismarck. Improved Dwarf Machet. Dark red; one of the best for garden or pot culture. Oz. \$1.25 .15

Allen's Defiance. Long spikes; for indoors or out. Oz. 75 cts. .10

Machet. Excellent for pots; thick spikes of reddish flowers. A carefully selected strain. Oz. 75 cts. .10

Giant Pyramidal. 1½ feet. Oz. 75 cts. .10

Golden Queen. Golden yellow. Oz. 75 cts. .05

Miles Spiral. 1 foot. Oz. 75 cts. .05

Large-Flowering Sweet-Scented. Oz. 25 cts. .05



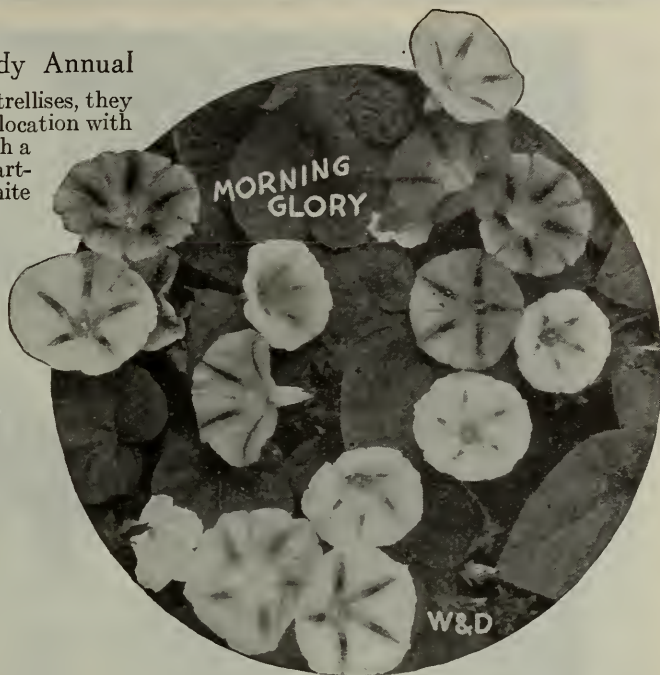
Giant Pyramidal Mignonette

FREE DELIVERY IN U. S. A. ON ALL FLOWER SEEDS

MOONFLOWER (*Ipomœa*.) Hardy Annual

These are quick growing climbers. For covering arbors, walls and trellises, they are unsurpassed. When grown in well enriched soil in a warm, sunny location with plenty of water while making its first growth, the vine will often reach a height of from 60 to 75 feet. The rich, green foliage with its heart-shaped leaves will be studded from July until frost with the great white satiny moonlike blossoms, which have given the plant its name.

- The Great White Moonflower** (*Noctiflora Alba*) is Pkt.
particularly large and fragrant. It opens, as they all do,
at sunset and on dull days, and continues in bloom till
the morning, shedding its sweet fragrance on the night
air. On a moonlight night, the moonflower vine is a
vision of amazing beauty. 20 feet. Oz. 75 cts. \$0.10
Coccinea (*Star Ipomœa*). Small scarlet flowers; 10
feet. Oz. 50 cts. .05
Grandiflora Marmorata (*Variegated-leaved Morning-*
Glory). Green-and-white foliage; various-colored
flowers. Oz. 50 cts. .05
Bona Nox (*Good-Night, or Evening Glory*). Large blue
flowers, expanding in the evening; 15 feet. . . Oz. 60 cts. .05
Heavenly Blue. Immense flowers of beautiful sky-blue;
unusually distinct and handsome. ¼ oz. 50 cts. .15
Setosa (*Brazilian Morning-Glory*). Rosy pink; rapid
growth. Oz. 50 cts. .05
Quamoclit. See Cypress Vine.



MORNING GLORY (*Convolvulus*.) Hardy Annual

These old-fashioned favorites should be in every garden. Give them full sway over fences, trellises or lattice work—the effect

will repay you. They will quickly twist and climb till with their pretty heart-shaped leaves and dainty trumpet-like blossoms—like tints of the sunrise—they have covered everything—a veritable “morning’s glory.” In a bed by themselves, they are beautiful, but when planted with other flowers care must be taken that they do not monopolize. They want their own way and they will twist and turn their affectionate little stems about everything in sight. They certainly look very pretty peeping at you around the tall stalks of the phlox or the peony plants—but beware!—once in, they are hard to get out, for they sow their seedlings so rapidly. It is better to give them a place by themselves to run riot over at their own sweet will. Sow seeds of the hardiest sorts as early in spring [as the soil can be dug easily. With Japanese varieties, delay sowing till trees are in leaf, or else plant in boxes in the house early and grow along until the trees are in leaf, when they may be transplanted to the garden.

- Imperialis** (*Imperial Japanese Morning Glory*). A beau- Pkt.
tiful strain, producing wonderfully large, fringed and
plain-edged, single, semi-double and double flowers in
the most gorgeous colors. Our seed is saved in Japan
from an unexcelled collection, and will produce the most
glorious, large flowers. Oz. 40 cts. \$0.10
Tall Mixed (*Morning Glory*). All colors. . . Oz. 20 cts. .05
Dwarf Mixed (*Morning Glory*). A very showy and
beautiful hardy annual for flower beds and borders;
blooms for a long period. 1 foot.
Mixed, all colors. Oz. 20 cts. .05

MONKSHOOD. See Aconitum

MOURNING BRIDE. See Scabiosa

MYOSOTIS. See Forget-me-Not

NIGELLA (*Love-in-a-Mist; Devil in the Bush*) Hardy Annual

- Miss Jekyll**. A most beautiful and attractive long- Pkt.
stemmed variety of the popularly known “Love in a
Mist.” A compact free-flowering plant with finely cut
foliage, curious looking blossoms and seed-pods. Easy
of culture, growing in any garden soil. The plant
grows in oval bushes about 18 inches in height and in
feathery fern-like foliage are half hidden the beauti-
ful cornflower-blue double blossoms; they have given
the plant its popular name, “Love in a Mist,” or “Devil
in the Bush.” Oz. 50 cts. \$0.10
Finest Mixed, Double. Various colors; 1¼ feet.
Oz. 40 cts. .05





Nicotiana Affinis

NEMESIA

Strumosa Suttoni. One of the most charming annuals for bedding and borders. The plants are of branching habit and about 1 foot high; the flowers of unique and fascinating form, and of almost endless diversity of colors. Finest mixed.....Pkt. 25 cts.

NEMOPHILA. Hardy Annual

Insignis. Blue; fine for bedding; blooms with great freedom all summer; 1 foot.....Oz. 25 cts. Pkt. \$0.05
Fine Mixed. Splendid varieties.....Oz. 20 cts. .05

NICOTIANA. Half Hardy Annual

Species of tobacco, with long, tube-shaped, deliciously fragrant flowers, blooming continuously.

Affinis. Pure white; very fragrant; 3 feet. Oz. 50 cts. Pkt. \$0.05

Hybrids. Splendid mixed, including flesh-color, crimson, lilac, purple and violet shades; extra-long, tube-shaped flowers and very fragrant; a splendid strain. ¼ oz. 30 cts. .10

Sanderæ Hybrids. Splendid type, producing an abundance of large flowers on bushy, well branched plants; various colors.....¼ oz. 50 cts. .10

W. & D.'s Miniature White. A small flowering Nicotiana of dwarf habit and extremely graceful appearance. The plants to the top of the flower-sprays are only 18 inches high; the flowers remain open all day, are delightfully scented and gracefully poised on firm, slender stems. A fine plant for bedding..... .20

NIEREMBERGIA

Half hardy perennial of light and slender growth with large cup-shaped flowers, blooming the first year if sown early. 1 ft. **Frutescens.** White tinted with lilac.....Pkt. 10 cts.

GENOTHERA (Evening Primrose)

Annual Sorts. Finest mixed.....Pkt. \$0.05
Youngii. HP. Yellow; very large blooms; 1½ feet. .25



Nemesis Strumosa

FREE DELIVERY ON ALL FLOWER SEEDS IN U. S. A.

NASTURTIIUMS (Tropæolum) Half Hardy Annuals

No garden is complete without its masses of Nasturtiums, and no flower gives more for the little care required. They prefer a poor soil to a rich one—all they ask is that it be well drained and in the sunshine. Within a few weeks after the seed is sown, they begin their blooming, and all the summer long, and until hard frost comes, they repay you for your care by a gorgeous profusion of blossom.

Such colors—reds, scarlets, deep velvety crimsons, ashes of roses, straw color, pale lemon yellow and the vivid orange—they run riot in a wonderful splendor. You never come to them in vain. Though you seem to have picked them all, lo, there are more waiting you every time.

The foliage is wonderfully varied too. Their possibilities are without number. For walls, fences, rockeries, porches, hanging baskets, window boxes, beds and borders, they are unsurpassed. The dwarf varieties are especially good for borders.

The leaves may be used as a salad, their piquant flavor being most appetizing, and garnished with the blossoms themselves, Nasturtium salad is a dish fit for a king. The seeds, if gathered in a green state, furnish an excellent substitute for capers.

Sow the seed 4 inches apart in drills 1 inch deep early in the spring, when the trees begin to leaf. Firm the soil well after the seeds are planted to insure proper germination. If they are planted in rich soil, the plants will run to leaf so quickly that the blossoms will not have sufficient chance to develop properly.

MIXED NASTURTIIUMS

W. & D.'S GIANT FLOWERING

The giant size, richness and diversity of color, coupled with profusion and duration of bloom, render the quality of this strain unrivaled. Flowers often measure 3 inches across; produced continuously during the summer.

	Pkt.	Oz.	¼ lb.	Lb.
Giant-flowering Dwarf, Mixed.....	\$0.10	\$0.25	\$0.75	\$2.50
Giant-flowering Tall or Climbing, Mixed.....	.10	.25	.75	2.50



W. & D's Giant Flowering Nasturtiums

TOM THUMB OR DWARF NASTURTIIUMS

Grow from 10 to 12 inches high; they are very effective in beds and borders, along walks and around shrubbery.

	Pkt.	Oz.		Pkt.	Oz.		Pkt.	Oz.
Aurora. Primrose, veined car- mine-pink.....	\$0.05	\$0.25	Golden King. Rich golden yellow.....	\$0.05	\$0.25	Ruby King. Rich crimson-rose.....	\$0.05	\$0.30
Beauty. Yellow, with scarlet veinings.....	.05	.25	King of Tom Thumbs. Dark scarlet.....	.05	.25	Scarlet. Brilliant color.....	.05	.25
Bronze. Bronzy orange.....	.05	.25	King Theodore. Crimson-maroon.....	.05	.25	Scheuerianum. Scarlet.....	.05	.25
Chameleon. Various colors on one plant.....	.05	.25	Lady Bird. Orange-yellow, red spots.....	.05	.25	Spotted. Rich orange, spotted crimson.....	.05	.25
Cloth of Gold. Scarlet, yellow foliage.....	.05	.25	Pearl. Creamy white.....	.05	.25	<div> Tom Thumb or Dwarf, Finest Mixed. A well-proportioned mixture, made up by us with great care from the above 18 varieties. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., ½ lb. \$1.10, lb. \$2.00 </div>		
Crystal Palace Gem. Sulphur, maroon blotches.....	.05	.25	Regelianum. Deep purplish crimson.....	.05	.25			
Empress of India. Fiery crimson, dark foliage.....	.05	.25	Rose. Soft rose-color.....	.05	.25			

Collection of 12 Varieties, 50 cts.

TALL OR CLIMBING NASTURTIIUMS

Form runners from 3 to 4 feet long, which can be trained up or allowed to run along the ground; excellent for window boxes. They are natural ramblers and are most suitable for covering stumps, trellises, rocks and low fences.

	Pkt.	Oz.		Pkt.	Oz.		Pkt.	Oz.
Chameleon. Various colors on one plant.....	\$0.05	\$0.25	Pearl. Whitish.....	\$0.05	\$0.25	Vesuvius. Salmon.....	\$0.05	\$0.25
Dark Crimson.05	.25	Regelianum. Purplish violet..	.05	.25	<div> Tall or Climbing, Finest Mixed. A splendid mixture of all of the above 17 sorts, properly proportioned; will be found unequalled in richness and range of color. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., ½ lb. \$1.10, lb. \$2.00 </div>		
Edward Otto. Brownish lilac..	.05	.25	Scarlet......	.05	.25		
Golden-leaved Scarlet......	.05	.25	Scheuerianum. Spotted.....	.05	.25		
Hemisphæricum. Orange.....	.05	.25	Schillingi. Yellow spotted....	.05	.25			
Heinemanni. Chocolate.....	.05	.25	Schulzi. Darkest-leaved.....	.05	.25			
King Theodore. Black.....	.05	.25	Striped......	.05	.25		
Orange......	.05	.25	Yellow......	.05	.25	

Collection of 12 Varieties, 50 cts.

OUR MIXTURES OF NASTURTIIUMS

are made up in our own storehouse with the greatest care. All sorts separately listed above are included, making them unequalled in richness of color. They cannot be compared with cheap mixtures, which generally contain only reds and yellows of the poorest kinds.

LOBB'S NASTURTIIUMS (Tropæolum Lobbianum)

They are excellent for window-boxes, vases, hanging baskets and rockeries; 8 feet.

	Pkt.
Lobb's Finest Mixed	Oz. 25 cts. \$0.05
Madame Gunther's Hybrids. The foliage is mostly dark, and contrasts very effectively with the rich colors.....	Oz. 25 cts. .05
TROPÆOLUM CANARIENSE (Canary Bird Flower). Delicately cut leaves and lovely bright yellow, fringed flowers; 10 ft.	Oz. 50 cts. .10



Ask for "Nasturtiums for Decoration and Food," one of our "Leaflets which Tell You How."

W. & D.'s SELECT PANSIES

(Heartsease.) Half-Hardy Biennial

Pansies do best in a light, rich soil and a partially shady, cool and moist situation. Under such ideal conditions they will produce the very largest and most perfect flowers; but they will give good returns if planted in almost any soil. In full exposure to the sun it is well to mulch the beds and water freely. Plants may be kept in bloom all Summer by removing the faded flowers every few days, to prevent seeding. For early Spring bedding seed may be started in July to September, and plants kept in cold-frames over Winter; or they can be set out in beds in the Fall and wintered nicely by giving a protection of leaves or salt hay. Spring sowings should be made early, so as to get the plants well established before the hot weather. Our strains are carefully selected and unexcelled.

W. & D.'S AMERICAN SHOW PANSIES

Awarded many First Prizes at the New York International Flower Show.

W. & D.'s American Show Pansies are the world's best in size, form and coloring, and by far the largest of all giant-flowering strains. The plants are full of vigor, the blooms immense, perfect in form, handsomely marked and of great substance.

Pkt. 50 cts., 1/4 oz. \$2.25, 1/4 oz. \$4.00



W. & D.'s
American Show
Pansy

- | | | |
|--|----------------------------|-------------|
| Triumph of the Giants. New class; with exceptionally large, beautifully frilled and waved flowers of the finest colors. Finest Mixed..... | 1/4 oz. \$3.00 | Pkt. \$0.25 |
| Trimardeau, or Giant. Very showy class of vigorous and compact growth and flowers of an enormous size. Finest Mixed..... | 1/4 oz. \$1.00, oz. \$3.00 | .10 |
| Parisian Giants. Of very large size, containing a great many very fancy colors and color combinations. Choice Mixed..... | 1/8 oz. 75 cts. | .20 |
| Butterfly Mammoth. Extra-large flowers; mixed colors, beautiful varieties..... | 1/8 oz. \$1.00 | .15 |
| Madame Perret. A splendid giant-flowered strain, comprising all shades of red, from light rose to dark purple, some of them finely striped..... | | .25 |
| English Show. Finest mixed..... | 1/4 oz. 50 cts. | .10 |
| Scotch. Of very fine texture and bold markings; excellent for bedding; good-sized flowers. Includes all the finest shades. Choice mixed..... | | .25 |
| Masterpiece, Giant Ruffled. Nearly all the plants produce beautifully ruffled flowers of a large size and very fascinating colors..... | 1/8 oz. \$1.25 | .20 |
| Bugnot's Exhibition. Extremely large, three-blotched flowers, upper petals finely lined..... | | .50 |
| Fine Mixed. All colors..... | Oz. \$1.00 | .05 |

PANSIES IN SEPARATE COLORS

- | | | |
|--|----------------|-----|
| Faust or King of the Blacks. Intense black; very effective in groups..... | 1/4 oz. \$1.00 | .10 |
| Emperor Frederick. Dark red, bordered orange and scarlet..... | 1/4 oz. \$1.00 | .10 |
| Psyche. Violet, bordered white; waved petals..... | 1/4 oz. \$1.50 | .15 |

GIANT TRIMARDEAU PANSIES

This is an especially showy class of Pansies. The plants are of strong, vigorous growth, very compact, making them particularly adaptable for borderings. Their flowers are uniformly of the largest size. Their colors are various, including all the delicate shades, hues and pencillings, which make them wonderfully beautiful. They are in every way splendid.

It is a joy to walk down a garden path bordered by these quaint little blooms. Or they may give even greater pleasure if planted in small clumps in the garden bed, where their particular beauty will stand out in bolder relief against some darker foliage behind them.

- | | | |
|---|------------|----------|
| | 1/4 oz. | Pkt. |
| Giant Adonis. Light blue..... | \$1.25 | \$0.15 |
| Dark Blue. Black-blue..... | 1.50 | .15 |
| Bridesmaid. Rosy white, beautifully blotched.... | 2.00 | .25 |
| Emperor. Cornflower blue..... | 1.25 | .15 |
| Golden Queen. Pure yellow..... | 1.50 | .15 |
| Hortensia-Red. Fine..... | 1.25 | .15 |
| Lord Beaconsfield. Purple violet, shading to lavender and white..... | 1.50 | .15 |
| Prince Henry. Light Brown, black eye..... | 1.50 | .15 |
| Snowflake. Pure white..... | 1.50 | .15 |
| Vulcan. Dark red, with five large black spots; superb..... | 2.50 | .20 |
| Finest Mixed..... | Oz. \$3.00 | 1.00 .10 |

Collection, containing 1 Pkt. of Each of the Above 10 Varieties, \$1.25.

OUR CULTURAL LEAFLET: "THE PANSY," FREE TO OUR CUSTOMERS

The New Winter-Blooming GIANT PANSIES

W. & D.'s WORLD RECORD STRAIN

These new pansies may be announced as an **introduction of great importance**. Sown at the same time as other pansies, they begin to flower fully six weeks earlier; the cardinal feature of these plants, however, is their extreme hardiness, which enables them to stand our severest winters and to bloom right on into the summer. Plants set out in beds in the autumn will begin to flower outside in March about the time the crocus breaks through the ground. Moreover, the blooms are of the finest form and attain to a size and brilliancy of coloring such as we meet with only in the foremost productions of Giant Pansies of the day. A special feature is also the delicate pansy perfume being developed in a marked degree. For autumn planting, and for very early bedding before the advent of spring, as well as for early cut-flowers, this **new Giant-blooming** earliest class can be warmly recommended.

Early Flowering Giant Pansies, World Record

	Pkt.
Winter Sun. Splendid bright golden yellow with dark center.....	\$0.25
Ice King. Beautiful silvery white with black-blue center.....	.25
Celestial Queen. Lovely sky-blue with very little center marking....	.25
March Beauty. A deep velvety blue; extra large flowering.....	.25
World-Record Mixture.....	.25

TUFTED PANSIES (*Viola Cornuta*)

These are midway between the violet and pansy; they are more hardy than the latter, and with slight protection during the winter can be kept in a permanent place for years. The flowers are not large, but very numerous and embrace all the most beautiful colors.

Lord Nelson. This variety may best be described as a more brilliant-hued "Gracilis" but much larger. It is extremely beautiful in its glowing violet-purple coloring and is the most perpetual of the violas, very hardy and floriferous, making it most desirable for rock gardens. . . \$0.35

	Pkt.
White Perfection. Pure white.....	1/4 oz. \$1.75 \$0.15
Admiration. Dark blue.....	1/4 oz. \$1.50 .10
Blue Perfection. Light blue.....	1/4 oz. \$1.50 .10
Goldcup. Pure yellow.....	1/16 oz. \$1.25 .25
Rosea. Pink.....	1/4 oz. \$1.75 .15
Mixed.....	1/4 oz. \$1.00 .10



Winter-Blooming Pansy "Celestial Queen"

PENTSTEMON Hardy Perennial

Beautiful, free-blooming perennials, from 2 to 3 feet in height

Barbatus Torreyii. Spikes of brilliant coral-red; very effective; 3 to 4 feet.....	Pkt. \$0.10
Digitalis (Foxglove Pentstemon). Spikes of white flowers with purple throats.....	.10

Gloxinioides, "Sensation." A most remarkable strain with long spikes of gloxinia-like flowers, beautifully marked and in a great variety of colors..... .25

Hartwegii Albus. Pure white flowers, 1 to 1 1/2 inches across..... .25

Large-Flowering, Finest Mixed. A much improved strain; flowers nearly 2 inches across, with a wonderful range of color..... .15

Collection of 6 Colors, 60 cts.

PETUNIA Hardy Annual

For outdoor and house decoration, no flower is more widely used than the Petunia. It comes into blossom very early and continues in perfect sheets of bloom all summer until killed by the frost. Its beautiful masses of pink, purplish rose and white, are very showy and most effective wherever used. A Petunia bed with its waving mass of dainty pink trumpet-like blossoms ruffling gayly in the wind is a feast for the eyes. The blooms, though delicately fashioned, are so sturdy and so durable that they are most satisfactory for every purpose imaginable. For beds and borders, they are very showy; for rockeries, they lend themselves wonderfully and are most artistic. The large-flowering sort make splendid pot-plants for greenhouse and conservatory. For porch and window boxes they are very fine, as well as for hanging baskets, where the trailing, drooping varieties are most effective. They have a quaint sort of fragrance of their own; some of the newer varieties show a wonderful development in this respect and are really very sweet. The diversity in form and color is very great; single, double, fringed, ruffled, with very large flowers, white-throated trumpets, and trumpets with dark velvety throats, beautifully veined and penciled with exquisite markings. Our single, large-flowered varieties measure 3 and 4 inches across. The seed is obtained by artificial pollination from the most carefully selected strains and saved at great expense; these are unrivaled in quality. (See next page.)



Pentstemon



PETUNIA—Continued

For the commoner kinds of this very free-flowering garden favorite, the seed may be sown in shallow drills or broadcast any time in the spring, after the trees begin to leaf. When the young plants are well started, thin out or transplant to stand one foot apart each way, or they may be left standing at 6 inches apart, and when commencing to bloom, thin them to 12 inches apart, retaining only the plants having the largest flowers and finest colors. Owing to the quick growth and quantity of bright flowers, Petunias are very useful to sow in bare spots in the garden, when quick results are needed. The seed of the double and giant flowered varieties is expensive; due to the great amount of labor required in its development, and it is best to take especial care in the planting; use shallow boxes of light rich soil in a warm, sunny window during March or April, and when the young seedlings are well started and have two or three leaves, plant in small flower pots, letting them grow along till trees are out in full leaf. Set out then in their garden bed, one foot apart each way.

The quality of our strains of large-flowered single and double Petunias is unrivaled. The seed offered is obtained by skilled hybridizers from the most carefully selected strains, and saved at great expense.

SINGLE LARGE-FLOWERED

The seed has been saved from pot-grown plants, and will produce the largest, deep-throated flowers, measuring 4 to 5 inches across.

Giants of California. A superb strain of the very largest-flowering, beautifully fringed, ruffled and plain-edged varieties in splendid mixture.....	Pkt. \$0.25
Ruffled Giants. Enormous flowers, beautifully ruffled, fluted and fringed.....	.25
Snowstorm. Pure white; fringed.....	.25
Crimson Giant. Deep crimson; fringed.....	.50
Brilliant Rose. Fringed, extra-large flowers.....	.25
Superbissima. Great flowers of various colors, with very large, deep and richly tigered throats.....	.50
Collection of 6 Single Separate Varieties, \$1.00	

DOUBLE LARGE-FLOWERED

The strains offered under this heading are the very finest, and saved from pot-plants. The seed will produce about 30 to 40 per cent. of extremely large, well-formed, densely double flowers, the balance being single of the large-flowered type. As the double sorts do not produce seed, the single flowers must be pollinated by the seed grower with the pollen of the double ones, which accounts for the small percentage of double flowers and the high cost of the seed. We would advise selecting all the weaker seedlings in pricking off, as they invariably produce the finest double flowers.

Giant Double, Plain-edged. A superb strain, producing a large percentage of double-flowering plants of the finest colors.....	Pkt. \$0.50
W. & D.'s Superb Double, Fringed. An unequalled strain. Immense, double and beautifully fringed flowers with great diversity of charming colors.....	.75
Lady of the Lake. Pure white; fringed; extra-large flowers borne in profusion all summer.....	.75
Collection of 6 Separate Double Varieties, \$1.25	

BEDDING VARIETIES

Rosy Morn. Single; soft carmine-pink; profuse bloomer. $\frac{1}{8}$ oz.	\$1.00	.15
Snowball. Single; pure white; compact.....	$\frac{1}{8}$ oz.	.75 cts. .10
Striped and Blotched. Single; one of the best for massing in beds, yielding a profusion of beautifully striped and mottled flowers.....	$\frac{1}{4}$ oz.	.50 cts. .10
Howard's Star. Crimson-maroon, with a clearly defined five-pointed star of blush-white. For bedding, baskets, vases, etc., this is exceptionally fine.....		.15
Fine Single, Mixed. A splendid strain of small-flowering sorts in great variety of colors.....	Oz. \$1.00	.05
Double Striped and Blotched. Choicest mixture, producing about 30 per cent. of medium-sized, double flowers.....		.50

PETUNIA INFLATA

A trailing Petunia, producing branches $2\frac{1}{2}$ to 3 feet in length, thickly set with fragrant flowers, 1 inch across, of a lovely purplish carmine with reddish violet throat. Especially recommended for balconies, window-boxes or hanging-baskets.

Pkt. 25 cts.



Ruffled Giant Petunia

DO NOT OVERLOOK OUR MASTERPIECE ASTER ON PAGE 60

PHLOX DRUMMONDII Hardy Annual

The old-fashioned garden phloxes are too well known to need any words of description. The very same plants that bloomed in your grandmother's garden may be still blooming in your own garden to-day. Once in, they are there to stay. But there is a wonderfully beautiful variety of phlox, perhaps not quite so well known as grandmother's old purplish pink variety—a brilliant addition to every garden—the Annual Phlox Drummondii. They are dwarf, growing but 1 foot high, and are the most brilliant bloomers of all dwarf bedding plants. They grow and bloom quickly from seed. They bloom early, profusely and for a long period, even till their bright blossoms are blackened by frost. The flowers are borne in clusters or trusses in such abundance that the foliage is often hidden by them. A bed of Phlox Drummondii gives life to the garden in its vivid color display and is most beautiful in effect. The dwarf sorts are much used for borders and edgings of walks, and there is nothing finer. They are also excellent for pot culture. There is no annual which will give you such unalloyed satisfaction as a bed of this beautiful flower, grown either as a solid mass of one color or in mixed colors. Blood red, crimson, white, rose and yellow, they mingle very effectively in one bed. And the combination in porch boxes is amazingly lovely.

Sow seed in shallow drills as early in the spring as the soil can be dug and raked loose. When young plants are 2 inches high, transplant to flower beds, setting dwarf varieties 4 to 6 inches and the taller ones 6 to 8 inches apart. Or the seed may be sown thinly in rows where it is desired to bloom. Seed may also be started early in a warm, sunny window, and small pots in full bloom will greet you by the time the trees are in full leaf.

LARGE FLOWERED PHLOX DRUMMONDII (*Grandiflora*) Hardy Annual

A great improvement on the older sorts; flowers large, of great substance and fine rounded form, with distinctly defined eyes.

	Pkt.	Oz.
Alba. Pure white.....	\$0.10	\$2.25
Atropurpurea. Dark purple.....	.10	2.25
Chamois-Rose. A soft shade.....	.10	2.25
Coccinea. Large; brilliant scarlet.....	.10	2.25
Isabellina. Yellow.....	.15	2.75
Rosea. Rose.....	.10	2.25

	Pkt.	Oz.
Kermesina Splendens. Vivid crimson.....	\$0.10	\$2.25
Stellata Splendens. Star-like; crimson.....	.15	3.50
Mixed. Large-flowering sorts.....	.05	2.00

Collection of 6 Separate Varieties, 50 cts.

PERENNIAL PHLOX

Elegant hardy border plants, bearing large trusses of brilliantly colored flowers.

	Pkt.
Decussata. Mixed. Choice varieties; 2 feet.....	\$0.15
Large-Flowered Decussata Hybrids. Mixed.....	.25

DWARF LARGE-FLOWERING PHLOX DRUMMONDII Hardy Annual

A beautiful race of dwarf, compact-growing Phlox of bright and varied colors, very suitable for pot culture and edgings.

	Pkt.
Fireball. Bright flame-red { Charming. } ... ¼ oz. \$1.25	\$0.20
Snowball. Pure white.... { pot-plants. } ... ¼ oz. \$1.25	.20
Hortensæflora. Rose.....	.20
Chamois-Rose. Very fine.....	.20

	Pkt.
Grandiflora Nana Compacta (Cecily Phlox), Mixed.	
A charming class, with large, brilliantly colored flowers..	\$0.15
Dwarf, Finest Mixed..... ¼ oz. \$1.00	.15



Phlox Drummondii Makes Delightful Flower Beds

POPPIES Hardy Annuals and Perennials

The recent development of Poppies has brought them into great and desired popularity, and it may safely be said that no other flower in the garden will give you a more brilliant display of vivid color in their perfect wealth of gorgeous bloom.

Your Poppy bed will afford you untold pleasure as you watch the plants grow and develop in their fantastic loveliness. The Shirleys—could anything be more exquisitely dainty in texture and tint? Their petals, like the sheerest of spun silk, seem fitted for the exquisite gowns of the fairies themselves. They range from the purest silvery white through the most delicate shades of pale pink, rose, crimson and vivid scarlet. Two flowers are rarely alike; hence your joy in studying them. They are a constant surprise and delight to you. Alas, that their beauty is so ephemeral that they quickly drop their petals after one day. If gathered in the bud form they will last several days in water.

The varieties are endless. They are ruffled and fringed, and doubled, some sorts resembling the carnation or the peony; hence the name given these varieties.

As they do not transplant well, it is advisable to sow the seed where the plants are wanted to bloom. Sow thinly and cover lightly—thin out to about 6 inches apart.

ANNUAL POPPIES

This section includes double and single flowers of greatly varying sizes, self- and multi-colored, daintily edged, etc. All are easily cultivated and greatly admired. Average height, 3 feet.

W. & D.'S NEW ANNUAL HYBRIDS

This poppy by far outclasses all of the annual varieties, of this beautiful family of flowers. It originated from the carnation flowered type, but surpasses it with its enormous size blooms, a large portion of which are extra frilled, together with its wonderful profusion of shades and tints fantastically fringed and striped with brilliant shades of reds and pinks.

They require no more care and cultivation than ordinary poppies and the results are a hundred-fold more pleasing. Pkt. 25 cts.

SHIRLEY POPPIES

Single, Finest Mixed. (Santa Rosa strain). A greatly improved strain of the popular Shirley Poppy. The brilliant colorings and wonderful variety of the flowers make a very effective display in the garden... Oz. 60 cts. **\$0.10**

Double, Finest Mixed. A lovely strain of double and semi-double flowers..... Oz. 75 cts. **.10**

Collection of 12 separate varieties of single Shirley Poppies, **\$1.00**



Type of W. & D's New Annual Hybrid Poppies



Shirley Poppy

SINGLE VARIETIES

Hansa, Single Fringed. Large, beautifully fringed flowers, pure white at base, passing into a deep crimson at the edge.....	Pkt.	
Admiral. A peony-flowered white, with a broad band of brilliant scarlet around the top; showy.....	Oz. 50 cts.	.10
Dainty (Lady Lorelei). New. Rosy mauve, with a metallic blotch on the base in middle of each petal. Flowers 4 to 5 inches across; 2 feet.....	Oz. 40 cts.	.10
Danebrog (Danish Flag). Single scarlet flowers, with a large white blotch on each petal; 2 feet.....	Oz. 50 cts.	.05
Flag of Truce. Pure white; large and showy flowers.....	Oz. 40 cts.	.05
Glaucum (Tulip Poppy). Dazzling scarlet 1 foot.....	Oz. 75 cts.	.10
Maid of the Mist. Pure white; single; very large; 3 to 4 feet.....		.10
Miss Sherwood. Large; single; satiny white, with upper half chamois-rose.....	Oz. 30 cts.	.05
Mephisto. Single; deep scarlet, violet spots; 1½ feet.....	Oz. 50 cts.	.05
Annual Varieties, Finest Mixed.....	Oz. 25 cts.	.05

DOUBLE ANNUAL POPPIES

White. Feathered.....	Oz. 40 cts.	.05
Mikado. Large, white, fringed flowers, striped crimson.....	Oz. 30 cts.	.05
American Flag. White bordered with scarlet.....	Oz. 40 cts.	.05
Rosy Pink. Feathered; beautiful.....	Oz. 40 cts.	.05
Peony-flowered, Mixed. Very large.....	Oz. 35 cts.	.05
Carnation-flowered, Mixed. Fringed, very double.....	Oz. 40 cts.	.05
Collection of Carnation-flowered Poppies in 8 separate varieties, 50 cts.		

PERENNIAL POPPIES

Tall, large-flowered and showy. Average height, 2 to 4 feet.

FOUR NEW ORIENTAL SORTS		Pkt.
Mrs. Perry. Enormous flowers, rich orange-apricot.....		\$0.25
Mahoney. Maroon, shaded crimson.....		.15
Salmon Queen. Bright rosy-salmon, with conspicuous crimson blotch, very showy.....		.25
Rembrandt. Orange-scarlet, the most gorgeous of all.....		.25

Oriental, Scarlet: Enormous flowers of deep, flashing scarlet; entirely hardy anywhere; 3 feet.....	Oz. 75 cts.	\$0.10
Oriental, Mixed Hybrids. Finest shades.....	Oz. 50 cts.	.10
Bracteatum, Beauty of Livermere. Colossal flowers; deep red.....		.15
Iceland (Nudicaule). Finest single mixed.....	Oz. 75 cts.	.10
Iceland, Finest Double Mixed. Beautiful.....	Oz. \$1.00	.15
GIANT WHITE CALIFORNIA POPPY (Romneya Coulteri). Pure white, with a fine bunch of yellow stamens; 6 feet....	Oz. 75 cts.	.15



Single Golden Yellow Portulaca

PORTULACA

Charming dwarf annuals of low growth, flowering profusely and furnishing a lovely floral carpet all summer, even in the hottest weather and until hard frost kills them in late fall. Portulacas should have a sunny place and they do well in the poorest, driest soil. A bed of Portulacas, with their abundance of bright flowers of gayest colors, is a beautiful sight. Rockeries, borders of shrubbery and other spots in the garden can be made exceedingly bright by sowing a few seeds of Portulaca here and there. Seed will not germinate until the ground is warm, and should not be sown outdoors before May 15th. They hug the ground closely and do not grow higher than four or five inches.

Single White.....	Oz. \$1.00	Pkt. \$0.10
Single Rose.....	Oz. \$1.00	.10
Single Scarlet.....	Oz. \$1.00	.10
Single Golden Yellow.....	Oz. \$1.00	.10
Single, Finest Mixed.....	Oz. 75 cts.	.05
Double, Finest Mixed. The flowers resemble tiny roses.....	1/8 oz. 75 cts.	.15

Collections: 4 single-flowering varieties, 30 cts.; 8 double-flowering varieties, 75 cts.

POLYANTHUS

W. & D.'S NEW GIANT FLOWERED (*Primula elatior*).

The six separate colors we offer below are away ahead of anything previously listed. At the top of the stout stems are the very massive trusses, the individual flowers of which are immense, being quite twice the size of the standard kinds. A bed of these in the early Summer is most striking. Our seeds are saved only from the largest and best formed flowers.



English Primrose

W. & D.'s Giant White. Pure white.....	Pkt. \$0.25
W. & D.'s Giant Crimson. Very rich color.....	.25
W. & D.'s Giant Golden. Rich deep golden yellow.....	.25
W. & D.'s Giant Purple. Velvety purple.....	.25
W. & D.'s Giant Yellow. Rich bright yellow.....	.25
W. & D.'s Giant Blue Primrose. Bright blue, especially attractive.....	.50

POLYANTHUS PRIMROSE. Giant Bunch-flowered Hybrids. Mixed.
A specially selected and very much improved strain of richest colors and largest size, the finest strain procurable for bedding purposes. Pkt. 25 cts.

HARDY PRIMROSES

Primula Japonica (Japanese Primrose). Bright and showy flowers borne in whorls on stems 6 to 9 inches long. Mixed..... Pkt. \$0.25

Primula Vulgaris (English Primrose). Canary-yellow, possessing a slight fragrance. These give best results when grown in a cool and partially shaded situation, and when the soil contains an abundance of vegetable matter..... .20

For Primula Malacoides and other greenhouse varieties see pages 57 and 58.

PINKS. See Dianthus

IF YOU WANT GOOD LAWNS, USE OUR "BONNIESEED" MIXTURE



PYRETHRUM Hardy Perennial

One of the most beautiful of our plants for cutting and the border. They bloom abundantly in June and again in the Fall; 3 feet.

Roseum Hybridum, Mixed. Large-flowering; single. A Pkt. splendid mixture saved from the best colors. \$0.15

Roseum Hybridum, Comet-flowered, Mixed. Large, single and semi-double flowers, with curled and twisted petals, varying in colors from white through shades of pink and rose to brilliant carmine and blood-red.25

Roseum Hybridum Nanum. New Dwarf Pyrethrum. Compact and bushy, only 20 inches high, and literally covered with flowers. Excellent for bedding and as a cut-flower.50

Roseum Hybridum fl. pl. Large-flowered; double; extra choice. Splendid mixed.25

Hardy Double White. Pure white, ball or button-shaped flowers; very showy; excellent cutting material.10

PYRETHRUM AUREUM

(Golden Feather). HA. A very dwarf plant, with golden foliage; used in carpet beds and for edging. Oz. 50 cts. .05

ROCKET, SWEET. Hardy Perennial

Mixed. Flowers in spring; fragrant; fine for beds, etc.; 3 to 4 feet. Pkt. 10 cts., oz. 50 cts.

RUDBECKIA (Coneflower). Hardy Annual and Perennial

A showy class of strong, easily cultivated plants, with bright flowers borne on long, stiff stems; splendid for cutting.

Bicolor Superba Semi-Plena. HA. Semi-double yellow flowers, with a dark brown disc; makes a handsome cut-flower; 2 feet. Pkt. \$0.15

Newmani. HP. Large; golden yellow; 2 feet.15

Purpurea. HP. Large; reddish purple; 3 feet.20

RICINUS (Castor Oil Plant.) Half Hardy Annual

Handsome, ornamental, foliage plants with gigantic leaves; very showy and imposing when massed together in groups, or large beds, or as a single specimen on the lawn; they give a magnificent semi-tropical effect to the garden. Pkt.

Borboniensis Arboreus. Large and handsome, green foliage; very majestic and impressive: 5 feet. Oz. 25 cts. \$0.05

Cambodgensis. Glistening red-maroon; stems black; forms an effective contrast with the green sorts; 5 feet. Oz. 25 cts. .05

Gibsoni. Dark purplish red foliage; very effective in the center of a bed of dark-leaved Cannas; 6 feet. Oz. 35 cts. .05

Panormitanus. The stems and stalks are of a bluish tint, and the dark brown leaves often measure 2 to 2½ feet in diameter; very decorative; 8 to 10 feet. Oz. 50 cts. .10

Zanzibariensis, Mixed. Enormous leaves. Color from light green to purplish red; 10 feet. Oz. 35 cts. .05

Finest Mixed. Oz. 20 cts. .05

SALPIGLOSSIS (Painted Tongue) Half Hardy Annual

While this is one of the greatest favorites among our annuals with those who know it well, it is not a familiar flower to many. It should be far better known. The plants flower very freely from July until frost. They are among our showiest and mosy beautiful annuals for beds or for borders. The exquisite beauty of the flowers cannot be described in words.

SALPIGLOSSIS SUPERBISSIMA

W. & D.'s Largest Flowered "Emperor" Varieties

Emperor Salpiglossis forms only one leading stem from which branch out near the top numerous side shoots, each bearing a large flower, richly veined with gold, the whole presenting a veritable bouquet of beautiful flowers. Pkt.

Brown and Gold. \$0.15 **Purplish Violet.** \$0.15

Brown and Yellow.15 **Rose.**15

Chamois. Light pink.20 **Yellow.**15

Dark Scarlet.15 **Emperor (Superbissima).**

Light Blue.20 **Finest Mixed.** ¼ oz. 75 cts. .10

The Above Collection, 1 Pkt. Each, 8 Varieties. \$1.00.

LARGE-FLOWERED SALPIGLOSSIS

This strain branches freely from the base of the plant.

Large-Flowered, Finest Mixed. Pkt. 10 cts., ¼ oz. 50 cts.

Collection of 6 Distinct Colors. 75 cts.



SALVIA (Scarlet Sage)

Half Hardy Perennial

A most magnificent summer and autumn flowering plant. Nothing is more gorgeous in the garden than Scarlet Salvia. Nothing more striking for a display in beds on the lawn, in borders along the drive, or in a close border around the house. The vivid scarlet spikes are like veritable torches of flame, rising from the beautiful green foliage. They have a bush-like growth—compact and trim and grow from 2½ to 4 feet in height. Salvia is also fine for pot-culture. The varieties of Salvia Splendens will bloom in early summer if the seed is sown early in March in shallow boxes of light rich soil and placed in a warm, sunny window. When well started, set the young plants in small flower pots and keep them growing as rapidly as possible until the nights are quite warm and the trees well out in leaf, when they may be put out in the open.

NEW SALVIA W. & D.'S OSTRICH PLUME

W. & D.'s Ostrich Plume is the most beautiful of all Salvias. The habit of the bush resembles the Splendens type; each of the flower spikes, however, is so thickly studded with blooms of the largest size as to give it the appearance of a plume. The bush is well covered with these beautiful plumes; one alone is a bouquet in itself.

Pkt. 25 cts.

Splendens Grandiflora, Scarlet. A rich-flowered bed-der; 3 feet. Pkt. Oz. \$2.50 \$0.10

Bonfire (Clara Bedman). Compact bush; scarlet flowers; the finest of all; 2½ feet. Oz. \$5.00 .20

Ball of Fire. Very dwarf and compact variety, especially suitable for pot culture. The plants are about 18 inches to the top of the flower-spikes and about the same in diameter. A splendid sort for edging beds of large-growing plants, such as Cannas. .25



Salvia Splendens

W. & D.'S EXTRA EARLY BUSH SALVIA

This variety flowers at least two weeks earlier than any other Salvia; forms neat bushes, about 18 inches high, and is literally ablaze with bright, velvety scarlet flowers.

Pkt. 15 cts., 1/8 oz. \$1.25

Nana Compacta, Zurich. A compact, dwarf and very early-flowering sort, forming perfect ball-shaped bushes. The flower-spikes stand erect, well above the foliage, and are covered with a mass of extremely large, fiery flowers. It commences to bloom as early as June and continues until frost. A grand variety for bedding; 16 to 18 inches. Pkt. 1/8 oz. \$1.50 \$0.25

Patens. Rich deep blue; fragrant. .25

Azurea Grandiflora. A hardy perennial variety, with pretty sky-blue flowers, blooms profusely during August and September; 3 feet. .20

Farinacea, Blue. A perennial variety, but best grown as an annual. Seed sown in the open ground in May blooms from July to frost. The light blue flowers are borne on long spikes, held above the foliage. Grows about 2 feet high. .15

Farinacea Alba. The white variety. .25

SCABIOSA

(Mourning Bride, Pin Cushion Flower or Sweet Scabious)
Hardy Annual and Hardy Perennial

Sweet Scabious are well-known annuals. Our Scabious are the double large-flowered type. These are great favorites with many for their bedding and border possibilities. The beautiful flowers are borne on long, graceful stems in exquisite shades, and when they are cut, they keep in perfect condition for the best part of a week. The plants bloom uninterruptedly from June until frost. The flowers are very showy. Sow seeds outdoors as soon as the ground is warm.

IMPROVED LARGE-FLOWERING DOUBLE

Azure Fairy. Lavender-blue.....	Pkt. \$0.10
Fiery Scarlet.....	.10
King of the Blacks. Black purple.....	.10
Rosy Carmine.....	.10
Sulphur-Yellow.....	.10
Snowball. White.....	.10
Finest Mixed.....	Oz. 75 cts. .05

Collection of 6 Varieties, 50 cts.

PERENNIAL VARIETIES

Caucasica. Light blue; 3 feet.....	.15
Caucasica Alba. Pure white; 3 feet.....	.25



SEND US YOUR NAME FOR OUR FALL PLANTING BULB CATALOG; READY IN SEPTEMBER

SNAPDRAGON *(Antirrhinum)* Perennial

Hardy and robust growers, easy of culture, independent of heat and drought. Constant bloomers, they are highly satisfactory for garden bedding, borders, pot culture and winter forcing.

If sown under glass in February, they can be brought to bloom during July, and will live through the winter if protected. Also can be grown under glass for winter flowering.

IMPROVED GIANT-FLOWERING TALL VARIETIES. 3 Feet

The varieties offered below are the best and most improved of the largest-flowering sorts. The blooms are double the size of the older kinds.

	Pkt.		Pkt.
Giant Coral-Red. Fine color.....	\$0.10	Giant Rose.....	\$0.10
Giant Fairy Queen. Orange salmon, white throat.....	.15	Giant Scarlet.....	.10
Giant Double White.....	.15	Giant Striped.....	.10
Giant Pink.....	.10	Giant "Venus." Delicate pink.....	.15
Giant Pure White.....	.10	Giant Yellow.....	.10
Giant Queen Victoria. Very large; pure white....	.10	Giant Rose Dore. New. Salmon-rose, shaded gold	.15
		Giant Mixed. ¼ oz.	.35c. .10

Collection of the Above 12 Giant Varieties \$1.00.

NEW GIANT ANTIRRHINUMS

Golden Gem. This is a fine deep yellow; with very large flowers. The finest yellow variety yet offered. The plants are of strong sturdy habit and growth.....	Pkt. \$0.35
Vulcan. An excellent variety for bedding. Plants of medium height. Flowers an intense crimson-scarlet; dark foliage. Strongly recommended.....	.35
Flamingo. Flowers deep terra cotta, with orange yellow center, white throat, very large and a very strong grower.....	\$0.35
Feltham Beauty. The largest flowering Antirrhinum yet produced. Of deep rose pink with white center, it is very free flowering and of a robust growing habit.....	.25
Orange Beauty. A very large flower of orange scarlet hue with gold lip.....	.25



Giant Flowering Snapdragon (*Antirrhinum*)

Nelrose (New). Rich coral-pink, large flowers. A splendid sort for the greenhouse.....	A Pkt. \$0.25
Silver Pink. A new color of great merit. Greenhouse-grown seed. A striking and lovely variety, a soft silvery pink, the most pleasing and effective color yet introduced. The seed we offer is saved from carefully selected spikes grown under glass.....	1.00



Schizanthus

SATIN FLOWER *(Moonwort, Lunaria or Honesty)*

A Hardy Annual

This plant thrives almost anywhere. In damp, shady places it is especially useful. Its curiously beautiful flowers of purple, crimson and white develop silvery, transparent seed pods, which are much used for house ornamentation and especially prized for Winter bouquets. It is especially for these that the plant is grown. Its height is 2 feet.

Sow seeds in the open in May. It is very free from insect pests. Pkt. 10 cts. Oz. 60 cts.

SCHIZANTHUS *(Poor Man's Orchid)* A Hardy Annual

Wisetonensis, W. & D.'s Improved Strain. Well-known, compact strain; charming long and profuse-blooming hybrids, chiefly light shades—white, buff and rose grounds with markings and colors of a fancy Pelargonium....	Pkt. \$0.50
Retusus Trimaculatus. Rosy crimson, yellow lip; very large flowers. Splendid pot plant.....	.15
Retusus, New Giant White. A magnificent strain of very large white flowers with golden lip.....	.25
Hybridus Grandiflorus. Large, orchid-like flowers. Finest mixed. Oz.	\$2 .10
Finest Mixed. Rose, scarlet, purple and white.....	Oz. 30 cts. .05

SHASTA DAISY. Hardy Perennial

Large; pure white..... .15

STATICE (*Sea Lavender*) Hardy Annual and Hardy Perennial

Everlasting flowers; fine for Winter bouquets.

Suworowi. HA. Panicles of bright rose flowers.....	.10
Perennial Species. Fine mixed.....	.10



CUT AND COME AGAIN STOCKS

STOCK (Gilliflower.) Half Hardy Annual

Stocks, the old-fashioned Gilliflowers, cannot be excelled for beauty and fragrance. They have so many good qualities that they surely deserve a place in your garden—and in every garden. Give them good, rich soil and they will more than repay you for any trouble taken for them with large pyramids of bloom in all the dainty colors—white, yellow, crimson, rose, blood red and light blue. The stocks of to-day have been wonderfully developed from grandmother's quaint old Gilliflowers. They are larger, more densely double and much more diversified in color. There are many more shades and tints than there used to be in her old garden. No wonder it has grown in popularity, a popularity well merited. Stocks are unsurpassed for brilliancy, variety, coloring, profusion and duration of blooming.

As they are half-hardy annuals, seed should be started in the house or hotbed during March or April and planted into small pots, and then set out in the garden during May, allowing one foot between the plants, in order that they may attain full and perfect development. In transplanting, discard the sturdier plants, these invariably producing single flowers.

LARGE-FLOWERING DWARF DOUBLE TEN WEEKS

Produces massive, pyramidal spikes with a large percentage of perfectly double, delightfully fragrant flowers of great substance and brilliancy; 1 foot.

	1/8 Oz.	Pkt.		1/8 Oz.	Pkt.
Pure White.....	\$1.25	\$0.15	Crimson.....	\$1.25	\$0.15
Canary-yellow.....	\$1.25	.15	Blood-Red.....	\$1.25	.15
Brilliant Rose.....	\$1.25	.15	Light Blue.....	\$1.25	.15
Finest Mixed Large-Flowering.....	1/8 oz.	\$1.00			.15

Collection of 12 Distinct Colors, \$1.25

DRESDEN PERPETUAL STOCKS, or CUT-AND-COME AGAIN

Beautifully shaped, double flowers; a splendid stock for cutting and forcing, and perhaps the most satisfactory type of stocks for bedding.

	1/8 Oz.	Pkt.		1/8 Oz.	Pkt.
Canary-Yellow Improved.....	1/8 oz.	\$1.50	\$0.15		
Pink.....	1/8 oz.	\$1.50	.15		
Dark Blue.....	1/8 oz.	\$1.50	.15		
Crimson.....	1/8 oz.	\$1.50	.15		
Light Blue.....	1/8 oz.	\$1.50	.15		
Princess Alice. Pure white; beautiful, large spikes.....	1/8 oz.	\$1.75	.25		

Prince Bismarck. White, extra long spikes of largest double flowers.....	1/8 oz.	\$1.75	.25
Finest Mixed, All Colors.....	1/8 oz.	\$1.50	.15

Collection of 8 Separate Varieties, 85 cts.

GIANT PERPETUAL, SNOW-WHITE (Mammoth White Column)

Produces one enormous spike 2 1/2 feet high; double, white flowers in fine rosette shape..... 500 seeds, \$1.00 \$0.25

GIANT PERPETUAL GLORIA (Giant Red Column)

Similar to the preceding except in color, which is a shining blood red..... \$0.25

GIANT PERPETUAL, EMPRESS AUGUSTA VICTORIA

Delicate, silvery lilac flowers of great substance. Plants of true pyramidal growth, attaining a height of 24 inches. 1/16 oz. \$1.00 .25

GIANT PERFECTION TEN WEEKS

A splendid race of strong pyramidal growth and fine branching habit, bearing splendid, long spikes of beautiful, large, double flowers; 2 feet.

	1/8 Oz.	Pkt.
Pure White.....	1/8 oz.	\$2.50 \$0.20
Chamois-Rose.....	1/8 oz.	\$2.50 .20
Sulphur-Yellow.....	1/8 oz.	\$2.50 .20
Crimson.....	1/8 oz.	\$2.50 .20
Light Blue.....	1/8 oz.	\$2.50 .20
Dark Blue.....	1/8 oz.	\$2.50 .20
Finest Mixed. Unexcelled for richness.....	1/8 oz.	\$1.75 .10

Collection of the Above 6 Varieties, 90 cts.

TEN WEEKS STOCKS

Fine mixed. A good mixture; open-ground seed.

1/4 oz. \$1.00, pkt. 5 cts.

WINTER STOCK, EARLY LARGE-FLOWERING

(Giant Nice). Half-Hardy Biennial

It may be taken for granted that nearly all growers of cut-flowers are acquainted with this splendid class of stocks, so valuable for forcing and bedding. They produce long trusses of extremely double flowers and can be cultivated either as a Summer or a Winter Stock.

	1/8 Oz.	Pkt.
Beauty of Nice. Flesh pink.....	1/8 oz.	\$1.00 \$0.15
Queen Alexandra. Rosy lilac.....	1/8 oz.	\$1.00 .15
Crimson King. Fiery crimson.....	1/8 oz.	\$1.50 .20
Mont Blanc. Pure white.....	1/8 oz.	\$1.75 .25
Almond Blossom. White, shaded carmine.....	1/8 oz.	\$1.75 .25
Abundance. Carmine rose; dwarf.....	1/16 oz.	\$1.00 .25
White Nice. Pure white.....	1/8 oz.	\$1.50 .20
Monte Carlo. Pure yellow.....	1/8 oz.	\$1.50 .20
Empress Elizabeth. Carmine rose; dwarf; fine for pots.....		.25
White Lady. Snow white; dwarf; fine for pots.....		.25

Collection of 1 Packet each of the Above 10 Varieties, \$1.75

STOKESIA CYANEA (Cornflower Aster). Hardy Perennial

Lavender-blue, Cornflower-like blossoms; splendid for cutting. 1/4 oz. 75 cts., Pkt. 10 cts.

SUNFLOWER (Helianthus) Hardy Annual



Well-known hardy annuals, much prized for beds, borders and cutting. The tall sorts form a background in a bed for the dwarf varieties in the edgings. The tall, old-fashioned sun-flowers, with their massive golden heads and heavy effective foliage, make a most artistic hedging for farmyard or chicken run, where these places are better screened from view. This hedge of veritable little suns is a joy to the eye indeed, as they follow the big sun all day in his journey across the sky. Just try a sunflower hedge and see if you will not be delighted that you did so.

The small single varieties, the dainty "cut-and-come-agains," are most artistic for cutting or decorative purposes. They last a long time in water. The quaint, old-fashioned name, which your grandmother gave them indicates their profuseness in blooming. They will never disappoint you; you will always find more blooms waiting you, no matter how often you go for them.

W. & D.'S NEW ANNUAL RED SUNFLOWER

W. & D.'s New Annual Red Sunflower. A really red sunflower, producing large, well-shaped, dark centered flowers with a broad band of red, varying from deep chestnut-red to lighter shades, and lightly tipped with yellow at the edges; very similar in color and marking to the Gaillardia. The plants are about 6 feet tall, branch freely and grow just as easily and quickly as an annual sunflower, and are certainly very showy border plants. Seed may be started in the hot-bed or cold-frame in March and April, or can be sown outdoors as soon as the ground is warm. **Pkt. 15 cts., oz. \$1.00**

SINGLE VARIETIES

Cucumerifolius (Single Miniature or Cut-and-Come-Again Sunflower). Rich yellow flowers; 4 feet.....	Oz. 50 cts.	\$0.05
Stella. Large-flowered; golden yellow; 4 feet.....	Oz. 60 cts.	.10
Diadem. Light lemon-yellow; 4 feet.....	Oz. 75 cts.	.10
Orion. Rich yellow; twisted petals; 4 feet....	Oz. 75 cts.	.10
Hybridus fl. pl. A splendid mixture of double and semi-double varieties.....	Oz. 75 cts.	.10
Macrophyllus Giganteus. Single; enormous flowers; 10 feet.....	Oz. 25 cts.	.05
Mammoth Russian. Single, immense flowers; very showy; 8 feet.....	Oz. 10 cts.	.05
Silver-Leaved. Silvery foliage, yellow flowers. Oz. 30 cts.		.05

DOUBLE VARIETIES

Californian. Orange-colored flowers, 6 to 8 inches in diam.; 6 feet.....	Oz 40 cts.	.05
Chrysanthemum-Flowered. Golden yellow flowers; fringed; 7 feet.....	Oz. 50 cts.	.05
Globe of Gold (Nanus fl. pl.). Dwarf; double, dahlia-like flowers; 4 feet.....	Oz. 30 cts.	.05
Globosus Fistulosus. Large, ball-shaped flowers of a rich saffron; 6 feet.....	Oz. 25 cts.	.05

PERENNIAL VARIETIES

Choice, Mixed, Single-flowered Hardy Sorts. If sown early, will bloom the first year.....		.10
--	--	-----

SUMMER CYPRESS (Kochia Trichophylla) Hardy Annual

An old-fashioned annual, also known as Mock Cypress, Belvidere, or Mexican Fire Bush. This is an annual, easily grown from seed. Sown thinly in the spring, it soon forms a cypress-like hedge of the most lively green and of perfect symmetry. It is a rapid grower and highly ornamental, forming regular pyramids of shrub-like appearance 2 to 2½ feet high by midsummer. Its small, feathery, light green foliage changes as the summer advances to a fiery crimson hue—whence its name "Fire Bush." The small, numerous flowers borne in the fall are also bright red. Very effective among shrubbery or plants of darker foliage, and is a splendid plant to divide the vegetable from the flower garden or for forming a hedge for the summer for any purpose. Placed at intervals in beds of White Sweet Alyssum or among Dusty Millers, the effect is very fine. Soak seeds over night in warm water before sowing. **Pkt. 5 cts., oz 50 cts.**



SWEET PEAS

Of all our many beautiful annuals, perennials, yes, even our greenhouse flowers, there is not one that has made as rapid advance in popular favor or is so universally admired as this **Queen of Annuals**, the sweet pea.

It is to-day the flower of the masses as well as of the classes; it can be grown successfully in every garden without the aid of a hotbed or greenhouse. A row of sweet peas in full bloom is a great attraction in the garden, and the flowers when cut are beautiful in vases, bowls, corsage bouquets or other decorations.

The great development in sweet peas, manifested in the **Spencer** or **Giant Orchid-flowering** sorts, has created an added interest in this flower. The blooms of this type are of immense size, measuring 2 inches across, with huge standards and very large wings, being twice the size of those of the older varieties. The form of the flowers is extremely graceful, both standard and wings being daintily waved and frilled, resembling the beautiful orchids to a certain extent. The plants are very robust, producing their flowers in threes and fours, on long, strong stems, and continue blooming for several months.

CULTURAL DIRECTIONS

The culture of sweet peas is easy. The principal points are, to have the soil deeply dug and well enriched with rotted barnyard manure, bone meal or sheep manure, to sow the seeds as early as the ground can be worked, so that the plants may be well and deeply rooted before real hot weather sets in. Support should be given as soon as the plants are 3 inches high. Give plenty of water, and never allow flowers to wither on the plants, as that will shorten the blooming season.

For early blooms and exhibition flowers sow two or three seeds in a 2½-inch pot of rich soil, in the house, about March 1. When well up remove all but the strongest plant. Set out April 15, and plant 6 inches apart. The top may be pinched out when plants are 3 inches high, as the lateral growths are always more vigorous than the center or original growth. If extra-large flowers are wanted, an occasional feeding with liquid manure is of great benefit. This can be made by dissolving sheep or cow manure in water. If at any time the growth of the vines should not be as vigorous as it ought to be, apply a small quantity of nitrate of soda on both sides of the row, fully 6 inches away from the plants; great care must be exercised not to touch the vines with this fertilizer.

Giant Orchid-Flowering Sweet Peas

NEW AND CHOICEST VARIETIES OF THE "SPENCER" AND "UNWIN" TYPES

Large, bold and wavy flowers, measuring 2 inches across, borne three and four on extra-long, stiff stems. While most profuse in blooming, they are very shy seeders, and the true Spencer type can never be produced cheaply. Our list has been carefully revised, and all too-much-alike sorts have been eliminated. The varieties offered are the most improved of the respective shades.

Our stocks are re-selected, well fixed, and of the most exclusive Spencer perfection.

PURE WHITE

***KING WHITE.** The blooms are of very good substance and of immense size. Of extremely vigorous growth and very floriferous, producing fours in abundance. The grandest of all whites. Pkt. 20 cts., oz. 75 cts.

WHITE SPENCER, W. & D'S RE-SELECTED. Very large and of magnificent Spencer waved form; stems as a rule carry four blossoms. Pkt. 15 cts., oz. 50 cts., ¼ lb. \$1.50.

NORA UNWIN. Large, frilled, pure white. Pkt. 5 cts., oz. 20 cts., ¼ lb. 75 cts.

MONEYMAKER. A giant pure white, very wavy and an unusually heavy bloomer; carries most always 4 blossoms on a stem. Pkt. 20 cts., oz. \$1.00.

BICOLOR

BLANCHE FERRY SPENCER. A giant type of Spencer form; rose standard and white wings. Pkt. 15 cts., oz. 50 cts., ¼ lb. \$1.50.

***MRS. CUTHBERTSON SPENCER.** Standard clear rose-pink, wings white, faintly flushed with pale rose-pink. Pkt. 15 cts., oz. 50 cts.



SPENCER SWEET PEAS AS THEY GROW IN THE GARDEN

DELICATE ROSE AND BLUSH-PINK

***DUPLEX SPENCER.** Double and triple standards; rich cream pink. Pkt. 15 cts., oz. 50 cts.

***ELFRIDA PEARSON.** The finest and largest pale pink, producing plenty of fours. Pkt. 15 cts., oz. 50 cts.

FLORENCE MORSE SPENCER. Delicate blush-pink with margins of deeper pink. Pkt. 15 cts., oz. 50 cts., ¼ lb. \$1.50.

MARTHA WASHINGTON. White ground, flushed with bright pink; exceptionally well frilled. Pkt. 15 cts., oz. 50 cts., ¼ lb. \$1.50.

***MRS. HUGH DICKSON.** Salmon-pink on cream ground, extra large, beautifully waved flowers in fours; the best cream pink variety, for exhibition. Pkt. 15 cts., oz. 60 cts., ¼ lb. \$2.

***MRS. ROUTZAHN SPENCER.** Apricot or buff, suffused with delicate pink, deepening toward the edges; immense flowers beautifully waved and frilled. Pkt. 15 cts., oz. 50 cts., ¼ lb. \$1.50.

***W. T. HUTCHINS.** Of finest Spencer type and largest size; buff with margin and edges of light apricot-pink. Pkt. 15 cts., oz. 50 cts., ¼ lb. \$1.50.

PINK SHADES

APPLE BLOSSOM SPENCER. Standard bright rose, wings primrose with flush of rose-tint; large flower, elegantly waved and crinkled. Pkt. 15 cts., oz. 40 cts., ¼ lb. \$1.25.

BEATRICE SPENCER. Soft pink. Perfect form and large size. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.25.

GIANT ORCHID-FLOWERING SWEET PEAS, Continued.

PINK SHADES, continued

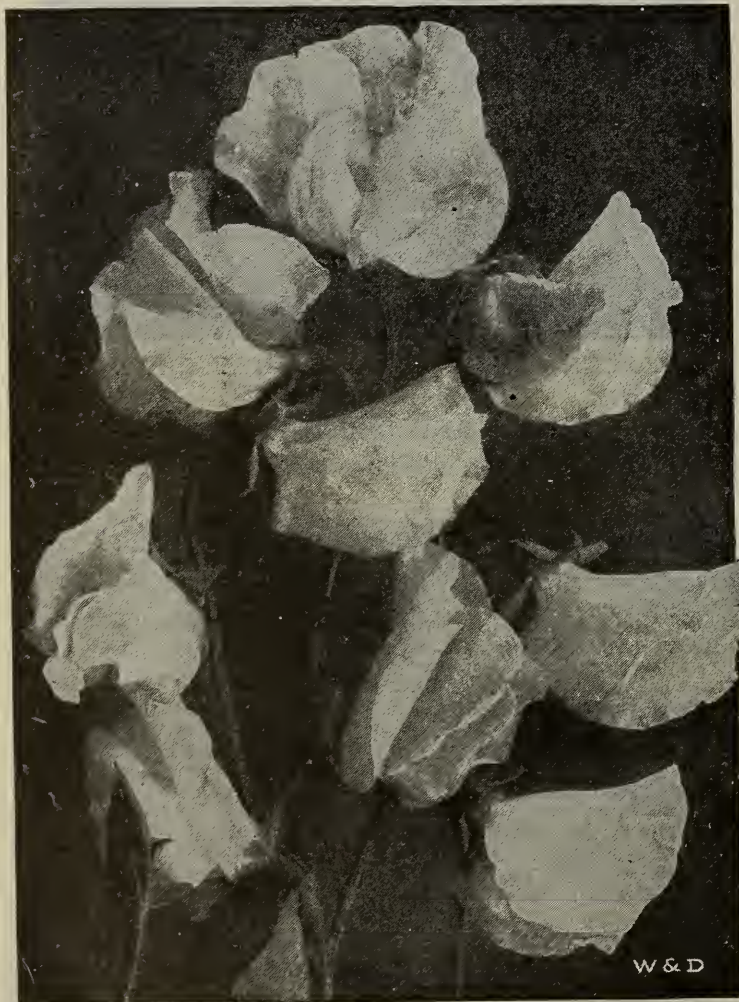
- *COUNTESS SPENCER.** W. & D.'S RE-SELECTED. The original Giant-flowered Spencer with finest waved standard and clear pink wings; almost a self-color and one of the best. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.30.
- GLADYS UNWIN.** Pale rosy pink; wavy standard and broad wings Pkt. 5 cts., oz. 20 cts., ¼ lb. 75 cts.
- *HERCULES.** A giant clear pink of extraordinary size and substance. The best of this color for exhibition. Pkt. 20 cts., oz. 75 cts., ¼ lb. \$2.50.
- LOVELY SPENCER.** Shell-pink; large and wavy. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.25.
- *ROSABELLE.** A beautiful, glowing rose-color; very wavy standards and broad, open wings; a fine exhibition variety. Pkt. 20 cts., oz. 75 cts.

PICOTEE-EDGED

- *DAINTY SPENCER.** White, with a distinct pink edge; very large and waved. Pkt. 15 cts., oz. 50 cts., ¼ lb. \$1.75
- *MRS. W. C. BREADMORE.** Creamy buff ground, beautifully edged with rose-pink; very large flower and best of this color for exhibition. Pkt. 20 cts., oz. 50 cts.

PRIMROSE-YELLOW

- *DOBBIE'S CREAM.** The best deep cream or primrose-colored variety; nicely waved; abundance of four-bloom sprays and most floriferous. Pkt. 15 cts., oz. 40 cts.
- *PRIMROSE SPENCER.** W. & D.'S RE-SELECTED. Clear primrose-yellow, of best Spencer form; extra large, and mostly four blossoms on a stem. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.25.



TYPE OF SPENCER SWEET PEAS

RED SHADES

- *JOHN INGMAN.** A fine rose-carmine; large and wavy. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.25.
- KING EDWARD SPENCER.** Immense, brilliant red flowers, quite sun-proof. Pkt. 15 cts., oz. 50 cts., ¼ lb. \$1.75.
- MAUD HOLMES.** Rich crimson; sun-proof; similar to King Edward Spencer. Pkt. 15 cts., oz. 40 cts., ¼ lb. \$1.50.
- *MARIE CORELLI.** Rose-crimson, self-color; fine, large flower, beautifully waved. Pkt. 15 cts., oz. 50 cts.
- *SCARLET EMPEROR.** The largest, brightest and best of the scarlets; a giant among the varieties of this color. Pkt. 10 cts., oz. 40 cts.
- VERMILION BRILLIANT.** A new, intense scarlet; sun-proof and of true Spencer form; a real scarlet self. Pkt. 15 cts., oz. 50 cts.

ORANGE-SCARLET AND SALMON SHADES

- EDITH TAYLOR.** A fine salmon rose throughout standard and wings; very beautiful. Pkt. 15 cts., oz. 50 cts.
- *HELEN LEWIS (Orange Countess).** A most beautiful orange-pink; very large and wavy. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.25.
- ILLUMINATOR.** Warm salmon-orange, overlaid with rich, bright cerise-pink. Under artificial light it appears to be a glowing orange-scarlet. Pkt. 15 cts., oz. 50 cts.
- MARGARET ATLEE.** Rich glowing pink on cream, suffused with salmon; of largest size, and borne profusely in fours on long, strong stems. Pkt. 10 cts., oz. 40 cts.
- *STIRLING STENT.** Clear bright orange, of true Spencer form; beautifully waved flowers of immense size. Pkt. 10 cts., oz. 35 cts.
- *THOMAS STEVENSON.** The finest of the orange-scarlet self; strong grower, producing four flowers on a stem. Pkt. 15 cts., oz. 40 cts., ¼ lb. \$1.50.

LAVENDER AND MAUVE SHADES

- *AFTERGLOW.** Base of standard bright violet-blue, shading to rosy amethyst; wings electric blue. Pkt. 15 cts., oz. 50 cts.
- *ASTA OHN.** The best lavender; very charming, extra-large flowers, beautifully waved. Pkt. 15 cts., oz. 35 cts., ¼ lb. \$1.25.
- *BERTRAND DEAL, IMPROVED.** A giant rosy lilac; quite a distinctive shade from any other sweet pea. Pkt. 10 cts., oz. 40 cts.
- *CHAS. FOSTER.** Mauve-pink, sometimes described as hydrangea-pink; very pretty. Pkt. 10 cts., oz. 40 cts.
- EMPERESS EUGENIE.** Delicate light gray, flaked with light lavender; large and of true Spencer type; very effective. Pkt. 10 cts., oz. 40 cts.
- FLORENCE NIGHTINGALE.** Soft lavender with faint sheen of rose pink. Pkt. 15 cts., oz. 40 cts., ¼ lb. \$1.25.
- FRANK DOLBY.** Pale blue. Pkt. 5 cts., oz. 20 cts., ¼ lb. 75 cts.
- *MARGARET MADISON.** Azure-blue, self-color; flowers of immense size and beautifully waved. Pkt. 15 cts., oz. 50 cts.
- *PEARL-GRAY SPENCER.** Pearl-gray suffused with light rose. Pkt. 15 cts., oz. 60 cts.
- IRISH BELLE (Dream).** Rich lilac flushed pink; an unusually attractive color. Pkt. 15 cts., oz. 50 cts.
- R. F. FELTON.** Lilac standard, wings French gray; an odd and very attractive color combination. Pkt. 20 cts., oz. 75 cts.

BLUE, PURPLE AND MAROON SHADES

- *CAPTAIN OF THE BLUES SPENCER.** Standard purple, wings bright blue; very distinct and of immense size. Pkt. 15 cts., oz. 40 cts., ¼ lb. \$1.25.
- FLORA NORTON SPENCER.** Bright blue; nicely waved. Pkt. 15 cts., oz. 50 cts.
- NUBIAN.** Large bold and wavy flowers; uniform deep chocolate color. The best of this color. Pkt. 15 cts., oz. 50 cts.
- ROYAL PURPLE.** A very rich royal purple. Pkt. 15 cts., oz. 50 cts.

114 CHAMBERS ST., NEW YORK

GIANT ORCHID-FLOWERING SWEET PEAS—continued.

BLUE, PURPLE AND MAROON SHADES continued.

- ***OTHELLO SPENCER.** Glossy deep maroon very large and wavy. Pkt. 15 cts., oz. 40 cts., ¼ lb. \$1.
- ***TENNANT SPENCER.** Rosy purple, self color. Pkt. 15 cts., oz. 40 cts., ¼ lb. \$1.25.
- ***WEDGWOOD.** Unique shade of Wedgwood blue. Borne mostly in fours, of the finest Spencer form. Pkt. 20 cts.

STRIPED AND FLAKED.

- ***AURORA SPENCER.** Orange-rose striped on white; immense size. Pkt. 10 cts., oz. 35 cts., ¼ lb. \$1.
- ***ETHEL ROOSEVELT.** Soft primrose, flaked and splashed with blush-crimson. Pkt. 15 cts., oz. 40 cts., ¼ lb. \$1.
- ***SENATOR SPENCER.** Ivory-white, striped and splashed chocolate and heliotrope. Pkt. 10 cts., oz. 35 cts., ¼ lb. \$1.
- ***MAY CAMPBELL.** Beautifully splashed and flaked with carmine on cream ground. Pkt. 15 cts., oz. 50 cts.
- ***MRS. W. J. UNWIN.** Striped and flaked orange scarlet on white ground. Pkt. 15 cts., oz. 50 cts.

Weeber & Don's Famous Sweet Pea Mixtures

Weeber & Don's Giant Orchid-Flowering or Spencer Sweet Peas, Choice Mixed

This mixture is made up by us from a carefully prepared formula. In it are included not only all the Spencer varieties listed above, nicely balanced and proportioned, but also a great many new hybrids as yet unnamed. A more complete and thoroughly up-to-date mixture cannot be procured.

Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., ½ lb. \$1.35, lb. \$2.50.

Weeber & Don's Extra-Selected Mixed Sweet Peas

A truly superb mixture blended by us with extraordinary care from named varieties of the most improved large-flowered type, including recent American and European varieties, as well as a great many Spencer and Unwin sorts and other hybrids as yet unnamed, insuring gorgeous color effect.

Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., ½ lb. 55 cts., lb. \$1.

Dwarf Cupid Sweet Peas, Mixed

If you can make room in your vegetable garden for a touch of beauty, plant a border of Dwarf Cupid Sweet Peas round your tall-climbing garden peas. The effect will surprise you. You will always find room for such a border every year. A bed of these daintily tinted "butterfly-bloomers" is indescribably beautiful. They only grow 6 inches high, grow close and compact, and are in every way very satisfactory.

Pkt. 10 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.

W. & D.'s Collections of Sweet Peas

- W. & D.'S GOLD MEDAL COLLECTION OF WAVED SWEET PEAS.** Contains 1 pkt. each of the Spencer varieties. 59 varieties for \$6.50.
- W. & D.'S EXHIBITION COLLECTION OF SPENCER SWEET PEAS.** Contains 1 pkt. each of the varieties marked with an asterisk. The best and largest of each distinct color and shade. 33 varieties for \$4.
- W. & D.'S SILVER TROPHY COLLECTION OF SPENCER SWEET PEAS.** 15 of our best Spencer varieties, all distinct, for \$1.50.
- W. & D.'S DOLLAR COLLECTION OF SPENCER AND UNWIN SWEET PEAS.** Our best 10 varieties for \$1.
- WEEBER & DON'S SPECIAL COLLECTION.** One pkt. each of our best 7 Grandiflora varieties, 25 cts.

Named Large Flowering (Grandiflora) Varieties

This is the old-fashioned popular type of sweet peas, frequently called "Standard Varieties"; there is an endless list of them, but as all of them have now been duplicated and greatly superseded in the Giant Spencer or Orchid flowering type, the demand for them has been greatly lessened. We, therefore, offer only a few of the best and largest flowering of the old type. They are satisfied and do well with less care than the Spencer, and are a great deal cheaper and very satisfactory to the average lover of flowers. We particularly call attention to our extra-selected mixture, under this heading, in which are included not only the best of the standard sorts in greatest variety of colors, but also a goodly proportion of Spencers, making it the richest mixture that can possibly be compounded. You will have to have a row of them in your garden.

Oz. 15 cts., ¼ lb. 40 cts., ½ lb. 70 cts., lb. \$1.25, except where otherwise quoted.

	Pkt.		Pkt.
BLACK KNIGHT. Deep maroon, self-color.....	\$0.05	HENRY ECKFORD. Clear orange; very fine; extra-large flower.....	oz. 25c .10
DOROTHY ECKFORD. Very large; pure white; one of the best whites.....	.05	HON. MRS. E. KENYON. Deep primrose; very large.....	.05
DUKE OF WESTMINSTER. Clear purple; very large.....	oz. 20c, ¼ lb. 60c, lb. \$2 .05	KATHERINE TRACY. Soft brilliant pink.....	.05
EARLIEST OF ALL. Pink and white; about two weeks earlier than any other; fine for forcing.....	oz. 20 c., ¼ lb. 60c., lb. \$2 .05	KING EDWARD VII. Bright crimson; very large.....	.05
		LADY GRISEL HAMILTON. Silvery lavender.....	.05
		MISS WILLMOTT. Large orange-pink.....	.05
		MRS. WALTER WRIGHT. An exquisite shade of mauve.....	.05

FREE CULTURAL LEAFLET: "THE SWEET PEA"—ASK FOR IT

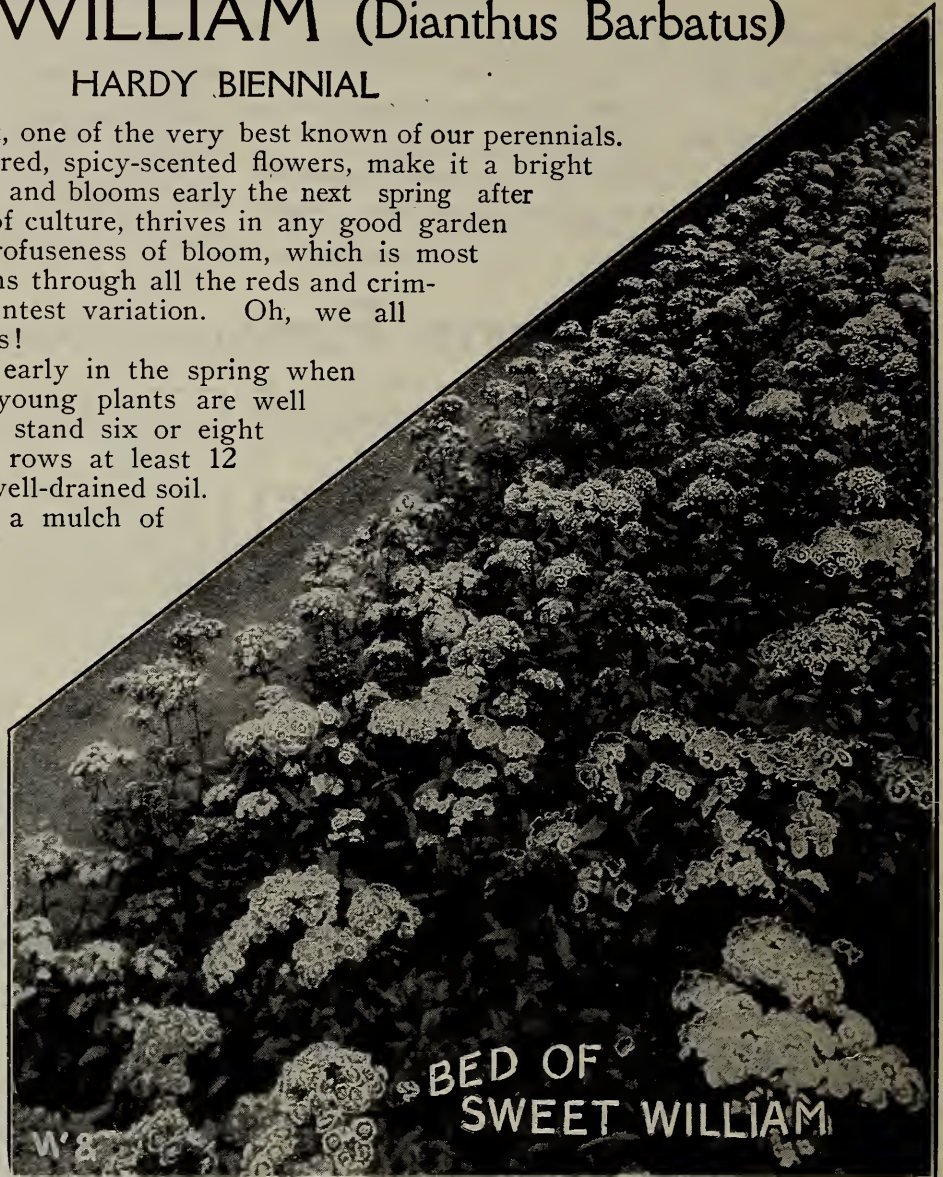
SWEET WILLIAM (Dianthus Barbatus)

HARDY BIENNIAL

A splendid old-fashioned plant, one of the very best known of our perennials. Its large heads of beautifully colored, spicy-scented flowers, make it a bright spot in bed or border. It is hardy and blooms early the next spring after sowing the seed. It is very easy of culture, thrives in any good garden soil and lasts for years, with a profuseness of bloom, which is most satisfactory and delightful. It runs through all the reds and crimsons, pinks and whites, with quaintest variation. Oh, we all love the dear little Sweet Williams!

Sow thinly in shallow drills early in the spring when trees start to leaf. When the young plants are well started, transplant or thin out to stand six or eight inches apart in the row and the rows at least 12 inches apart. Plant in good, rich, well-drained soil. Protect through the winter with a mulch of straw or long manure.

	Pkt.
SINGLE PURE WHITE...	\$0.15
PINK BEAUTY. Deep pink.	.15
SCARLET .....	.10
SCARLET BEAUTY. Splendid .....	.15
FINEST MIXED. All colors .....	.05
HOLBORN GLORY (Giant Auricula-eyed). Superb 1/4 oz. 25c...	.10
DOUBLE WHITE AND DARK CRIMSON..Each	.15
FINEST MIXED. Beautiful colors .....	.10
Collection of Auricula-flowered varieties in 12 separate sorts, 75 cts.	
Collection of large-flowered double varieties in 12 separate sorts, 75 cts.	



NEW ANNUAL SWEET WILLIAM. A beautiful new type, commencing to flower in early summer, from spring-sown seed. The flower-heads are large, beautifully marked and very fragrant. Will form a most beautiful adornment to the garden when planted in masses, keeping up a constant succession of bloom. The plants are hardy and of the same habit as the biennial varieties.....1/4 oz. 40c..\$0.15

SWEET ALYSSUM. See Alyssum.

SWEET SULTAN. See Centaurea.

VERONICA (Speedwell). Hardy Perennial.

Elegant plants for the hardy border. Finest mixed.

Pkt. 10 cts.

VIOLA. Hardy Perennial.

ODORATA SEMPERFLORENS (Sweet Violet). Well-known, fragrant, spring-blooming plants.

Pkt. 10 cts.

CORNUTA. See Tufted Pansies.

TRICOLOR MAXIMA. See Pansies.

VIRGINIAN STOCK. Hardy Annual.

Charming dwarf, free-flowering plants; very effective in beds, baskets or for edging. 10 inches. Finest mixed.

Pkt. 5 cts., oz. 40 cts.

TAGETES SIGNATA PUMILA. Half-Hardy Annual.

A dwarf, compact, bushy, annual marigold, with beautiful, delicate, fern-like leaves, densely covered with flowers of bright yellow striped brown; a first-class border plant.

Pkt. 5 cts.

THUNBERGIA (Black-eyed Susan). Half-Hardy Annual.

Beautiful, rapid-growing, annual climbers, used extensively in hanging-baskets, vases, etc.; very pretty flowers in buff, white, orange, etc., with dark eyes. Finest mixed.

Pkt. 10 cts., oz. \$1.00.

TRITOMA. Hardy Perennial.

UVARIA GRANDIFLORA (Red-Hot-Poker Plant). Pkt.

Flowers scarlet, orange and yellow, on a very prominent spike. 4 feet.....\$0.10

EXPRESS. New. Similar to above, but throws up its flowers as early as June and continues till frost .20

HYBRIDA MIRABILIS (New Annual Hybrids of the well-known Red-Hot-Poker Plant). Blooms within four months of the time the seed is sown, and flowers abundantly from July until cut down by frost. Light citron-yellow to orange-scarlet.. .25

TROPAEOLUM. See Nasturtium.

VALERIANA (Garden Heliotrope)
HARDY PERENNIAL

Showy, hardy border plants, flowering the first year from seed. Large heads of red-and-white flowers with a strong heliotrope odor; will thrive well in the poorest soil. Two feet. Finest Mixed. Pkt. 10 cts.

VINCA (Madagascar Periwinkle)
or Old Maid
HALF-HARDY PERENNIAL

Splendid free flowering plants, much used for bedding and edging; their glossy, dark green foliage and pretty pink and white flowers are refreshing to look upon. They are free-blooming and one of the most satisfactory flowering bedding plants we have. The plants are bushy, 1½ feet high, and the flowers round and single, 1½ inches across, suitable either for pot-culture or for your sunny garden bed. They will bloom the first season.

Start seed early indoors or in a hot-bed, but they will bloom in August from seed sown out of doors in May, or as soon as the ground is warm, and will bloom on until frost. You may pot them and keep them in bloom through the winter. For cutting they are very fine, every bud will open in water.

	Pkt.	Oz.
ROSEA. Rose, dark eye.....	\$0.15	\$1.50
ALBA. White, crimson eye.....	.15	1.50
ALBA PURA. Pure white.....	.15	1.50
DELICATA. Carmine. Pkt. 15 cts.....	MIXED	.10 1.00



Mammoth Verbenas
HALF-HARDY ANNUAL

The verbena is the most effective bedding plant in cultivation. The plants are dazingly brilliant, they grow low and so creep into each other that they form a dense carpet of green foliage as a background for their brilliantly colored flowers. Single plants in rich soil will cover a space of 1 to 2 feet in diameter and furnish a profusion of flowers. The flower heads are quite large and are finely regular in form, which makes them highly valued for out-door decorations. Cut the flower before seeding and the plants will bloom much more freely. Plants raised from cuttings and sold by florists ready for your garden are not always satisfactory. Plants grown from your own seed are cheaper, more strong and vigorous in growth, with rich, dark green foliage, and they will continue in bloom till cut off by early frost. Our strains are carefully selected and greatly improved, producing flowers and trusses of exceptional size. Those who have a greenhouse or hot-bed and start the seed in February, will have plants ready for setting out in May. If sown in March or April, will be ready to flower in June, and in both cases bloom uninterruptedly until frost.

Or sow seeds early in a cold frame or in shallow boxes of light, sandy soil, in a sunny window, or sow thinly in drills in the ground when trees start to leaf. When young plants are well started, thin them or transplant to stand 12 inches apart in the row.

MAMMOTH VERBENAS, continued.

	Pkt.	¼ oz.
SCARLET	\$0.10	\$0.50
PINK .....	.10	.50
PURPLE .....	.10	.50
WHITE .....	.10	.50
STRIPED .....	.10	.50
YELLOW .....	.10	.50

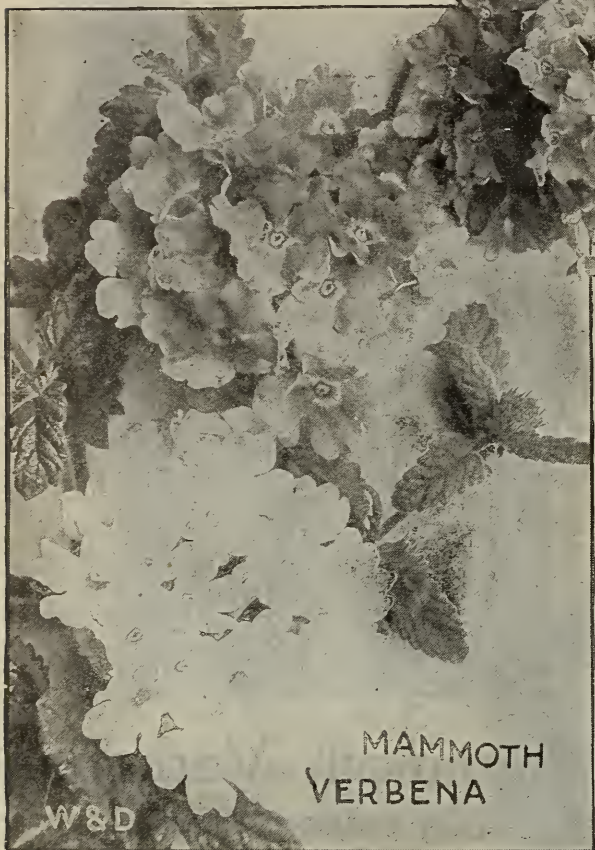
MAMMOTH EXTRA-CHOICE MIXED. A grand Pkt. mixture of Giant-flowering Verbenas, embracing the richest and most brilliant shades...oz. \$1.50..\$0.10

Collection of Mammoth Verbenas, 6 separate colors, 50 cts.

GIANT-FLOWERED AURICULA-EYED, CHOICE MIXED. The colors of this beautiful and distinct strain are principally red, varying from delicate pink through many tints of red and purple shades. The flowers are enormously large and have, without exception, a large, brilliant white eye, which gives to the flower a most handsome appearance.....\$0.20

HYBRIDA, FINE MIXED. A very good strain..oz. \$1.. .05

LEMON-SCENTED (*Aloysia citriodora*). This is the well-known Lemon Verbena, and is chiefly cultivated for its pleasing, fragrant foliage; easily grown, it is, in consequence, a popular favorite; 2 feet..... .15



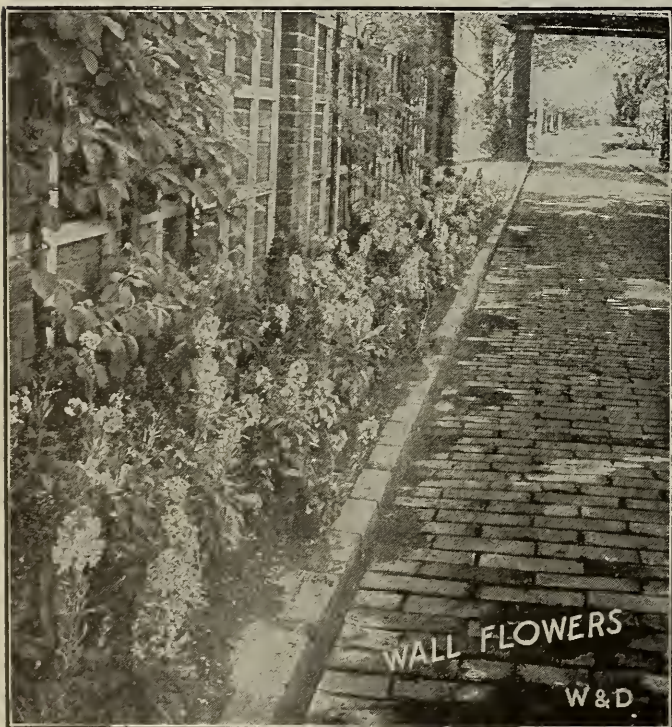
Wall Flower

Half-Hardy Perennial and Hardy Annual

Wall Flowers resemble stocks a great deal in their growth and habits. They are splendid pot plants for the house, but will survive the winter in the open if planted in a sheltered position. Their name comes to us from across the water. They are not as well known nor as well grown in this country as in European countries—and they should be. They need a sheltered position and are so widely grown in the shelter of the walls, which nearly always surround English estates, that they have been given the name "Wall Flower." This is also a very popular plant with the Germans, known to them as "Goldlack." With the exception of the annual kinds, plants bloom the second year from time of sowing—yellow, brown and purple shades, with a beautiful blood red. The flower spikes are very fragrant and are much worn in corsage bouquets.

Perennial sorts should be sown in autumn and carried over in cold frames. Annual sorts may be sown indoors in March and will flower the first year from seed, and bloom freely through the summer and autumn.

The new early flowering varieties may be treated as annuals. The average height is 2 feet.



WALLFLOWER—Continued.

ANNUAL VARIETIES

Splendid single-flowering sorts, blooming all summer from seed sown in February; fine for bedding. 2 feet.

	Pkt.	¼ oz.
BLOOD-RED	\$0.10	\$0.40
BROWN (Paris Market).....	.10	.40
GOLDEN GEM .....	.10	.40
WHITE GEM .....	.10	.40
BELVOIR CASTLE .....	.10	.40
FINEST MIXED	oz. 75c	.10

WINTER BLOOMING (Cheiranthus Kewensis)

The flowers, borne on slender stalks, are variable in color, even on the same plant. It lasts in bloom for a considerable time, and if sown in July, will commence to flower in November. Suitable for pot-work only. Pkt. 25 cts.

SINGLE LARGE-FLOWERING VARIETIES

All fine for forcing or spring bedding.

	Pkt.	¼ oz.
BLOOD-RED. Deep red.....	\$0.10	\$0.25
CRANFORD BEAUTY. Yellow.....	.10	.25
GOLIATH. Dark brown; extra.....	.10	.40
FINEST MIXED	oz. 50c	.05
Collection of Singles, in 6 Varieties, 40 cts.		

DOUBLE DWARF BRANCHING VARIETIES

	Pkt.
DARK BROWN	\$0.35
GOLDEN YELLOW .....	.35
VIOLET BLUE .....	.35
FINEST MIXED .....	.25
DOUBLE GERMAN SPLENDID MIXED.....	¼ oz. \$1 .10
Collection of Doubles, in 6 Varieties, 75 cts.	

WILD CUCUMBER

(Echinocystis Lobata)

HARDY ANNUAL

A splendid vine for trellises. One of the quickest growing vines known—grows from 20 to 30 feet in a season. Long spikes of white flowers amid clear, bright green foliage. Fine for verandas and summer houses.

It may be used to great advantage in covering old fences or trees. Rough places or unsightly spots may be made beautiful very quickly by this wonderful climber with its bright foliage and graceful spikes of blossoms. These white blossoms are followed by prickly pods, which are great playthings for the children, who "love to make them burst." Blooms in July and August. Pkt. 5 cts., oz. 25 cts.



W. & D.'S GIANT ZINNIA

GIANT ZINNIAS

(Youth and Old Age)

HARDY ANNUAL

"Youth and Old Age," so called because these lovely and easily grown annuals bloom continuously from early June all through the season till late in November, when real hard frost kills the plants. Our Giant Zinnias in six separate colors are wonderfully fine. The varieties are well fixed, the plants are of extremely robust habit and throw up numerous long, firm stalks crowned with enormous semi-globular, very double flowers. Specimens measuring 5 to 6 inches across are by no means rare. The colors are very beautiful—white, yellow, scarlet, crimson and purple.

Sow seed thinly in drills early in the spring when the trees are starting to leaf, transplanting the young plants when two or three inches high, to stand 12 inches apart for dwarf kinds, to 2 feet for the larger ones.

Or 2 or 3 seeds may be sown in a slightly raised hill. For early blooming, seeds may be planted in cold frames or shallow boxes in a sunny window.

	Pkt.	¼ oz.
GIANT PURE WHITE	\$0.15	\$0.50
GIANT GOLDEN YELLOW .....	.15	.50
GIANT SCARLET .....	.15	.50
GIANT CRIMSON .....	.15	.50
GIANT FLESH-COLOR .....	.15	.50
GIANT PURPLE .....	.15	.50
GIANT MIXED .....	.10	.40

Collection of the Above 6 Colors, 75 cts.

LARGE-FLOWERING TALL DOUBLE ZINNIAS

	Pkt.	Oz.
WHITE	\$0.05	\$0.50
FLESH-PINK .....	.05	.50
DAZZLING SCARLET .....	.05	.50
GOLDEN YELLOW .....	.05	.50
DARK PURPLE .....	.05	.50
STRIPED (Zebra) .....	.05	.60
FINEST DOUBLE MIXED.....	.05	.40

Collection of 6 Distinct Varieties, 25 cts.

LARGE-FLOWERING DWARF DOUBLE

Compact and very bushy; 1¼ feet.

	Pkt.	Oz.
DAZZLING SCARLET	\$0.05	\$1.00
SALMON-PINK .....	.05	1.00
SULPHUR-YELLOW .....	.05	1.00
WHITE .....	.05	1.00
DWARF DOUBLE, FINEST MIXED.....	.05	.75

XERANTHEMUM (Everlasting, or Immortelle). Hardy Annual.

One of the prettiest of our Everlastings, bearing an abundance of bright rose-purple and white flowers. 2 feet. Finest Double Mixed. Pkt. 10 cts.

YUCCA FILAMENTOSA (Adam's Needle). Hardy Perennial.

Broad, sword-like foliage and tall branched spikes of large, fragrant, creamy white flowers; one of our finest perennials. Pkt. 10 cts.

ZEA JAPONICA VARIEGATA (Striped Japanese Maize). Hardy Annual.

Ornamental variety of corn, with beautifully striped leaves. Pkt. 5 cts., oz. 15 cts.

MIXED FLOWER SEEDS FOR WILD GARDENS.

Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.



FLOWER SEED COLLECTIONS

COLLECTIONS OF ANNUAL FLOWER SEEDS

Collection "A"—Postpaid 25 cts.

1 Pkt. Each of Six Choice Annuals. Regular Value 50 cts.; a saving of 25 cts.

Collection "B"—Postpaid 50 cts.

12 of Our Best Annuals for Bedding and Cut Flowers. Regular Price 90 cts.; a saving of 40 cts.

HARDY PERENNIALS AND BIENNIALS

Six Favorite Perennials for 25 cts., Postpaid. Regular price 45 cts.; a Saving of 20 cts.

Grandmothers' Garden Collection for 50 cts., Postpaid. Twelve real gems in Perennials. Regular Price 95 cts.; a Saving of 45 cts.

Herbaceous Border Collection for \$1.00, Postpaid. Twenty-five leading varieties.

ANNUAL CLIMBERS

For Covering Verandas. Trellises, Stumps. Stone Walls, Etc.

W. & D.'s Beauty Collection of 12 Annual Climbers from Seed. Mailed free for 50 cts. Regular Price 90 cts.; a saving of 40 cts.

EVERLASTINGS FOR WINTER BOUQUETS

Beautifully colored annuals that grow readily from seed. The flowers if cut and dried will last all winter without water and retain their original colors.

1 Pkt. Each of 6 Choicest Sorts for 25 cts. Regular Price 45 cts.

ORNAMENTAL GRASSES

Twelve Varieties.....\$0.40

Fifteen Varieties......75

DWARF PLANTS FOR ROCK GARDENS

1 Pkt. Each of 9 Choice Varieties for 75 cts., Postpaid. Regular Price \$1.00.

CHILDREN'S COLLECTIONS

Carefully selected to give satisfaction under most unfavorable treatment. Special offer to assist children to acquire a love for flowers and gardening.

25 Choice Varieties.....\$0.65

12 Choice Varieties......35

8 Choice Varieties......25

6 Choice Varieties......20

OF SPECIAL INTEREST TO OUR OVER-SEAS CUSTOMERS:

American Flowers for European Culture. Twenty-five varieties mailed anywhere for.....\$1.50
Every year we send large numbers of these Collections abroad as Gifts from Friends at Home.

Special Collection "C" of ANNUAL FLOWER SEEDS

ONE PACKET EACH OF 25 CHOICE VARIETIES FOR \$1, POSTPAID

These mature quickly, flower profusely and make a brilliant display in the garden, besides furnishing an abundant supply of cut flowers all through the season.

Sweet Alyssum. Pure white, fragrant; fine for border; 8 in. \$0.05

Aster, W. & D.'s Improved Victoria. Finest for cutting; 1½ feet......10

Calliopsis, Annual, Finest Mixed. Invaluable for cutting; 2½-3 feet......05

Candytuft, Splendid Mixed. Showy in beds; fine for edging; 1 foot......05

Celosia Thompsoni Magnifica. Mixed. (Feathered Cockscomb). Beautifully colored plumes; 3 feet......10

Centaurea Imperialis (Regal Sweet Sultan), for vases... 10

Chrysanthemum, Annual, Single, Mixed. Very showy 3 ft. 05

Cosmos, Mammoth Perfection, Mixed. Glory of late autumn; 8 feet......10

China Pinks, Finest Mixed. As fine as carnations; 1 foot 05

Gaillardia Picta, Salmon. Delicate shade; 2 feet......05

Helianthus Cucumerifolius. Graceful flowers on long stems; 4 feet......05

Larkspur, Tall Branching, Mixed. Spikes double, blue flowers; 5 feet......10

Lupinus, Annual, Mixed. Splendid for cutting and borders; 3-4 feet......05

Marigold, African, Double, Mixed. Our glorious garden favorites......05

Mignonette, Sweet Scented. For bowls and vases; 1 foot... 05

Nasturtium, Dwarf, Finest Mixed. Bright colors; fine for bowls; 1 foot......05

Nigella, Miss Jekyll (Love-in-a-Mist). Pretty blue flowers; 18 inches......10

Phlox Drummondii Grandiflora, Mixed. Brilliant-colored bedding plants; 1 foot......05

Petunias, Single, Mixed. Continuous-blooming bedding plants; 10 inches......05

Poppies, Single, Mixed. Gay and very showy; universal favorites......05

Portulaca, Single, Mixed. Splendid for rockeries and edgings; 3 inches......05

Scabiosa, Tall, Double, Mixed. Fine for cutting; 2 feet..... 05

Salpiglossis Grandiflora, Mixed. Rich colors, veined gold; 2 feet......10

Stocks, Large-Flowering, Double, Mixed. For bedding; 1 ft. 15

Zinnias, Giant-Flowering, Double, Mixed. Immense Flowers; bloom continuously; 2½ feet......10

Total.....\$1.75

All our Collections of Flower Seeds are mailed free to any part of the World.

Hardy Garden Lilies

Lilies are among the finest of our garden flowers, and do well in almost any soil. They are useful for planting in borders, among shrubbery or in masses when striking effects are desired. Deep planting is recommended for all Japanese varieties, the bulbs should be set about 8 inches under the soil, the smaller bulbs of the American and European sorts about 5 inches.

JAPANESE VARIETIES

LILIUM AURATUM (The Gold-banded Lily of Japan.)
Delicate white, thickly studded with crimson spots, and a bright gold band through the center of each petal.

Each Doz. 100

EXTRA-SIZE BULBS. 9 to 11 ins. \$0.20 \$2.25 \$16.00

MAMMOTH-SIZE BULBS. 11 to 13 inches .35 3.50 25.00

SPECIOSUM ALBUM. Pure white and very fragrant. Bulbs 9 to 11 inches .30 3.00 23.00

SPECIOSUM ROSEUM. White, spotted with rose. Bulbs 9 to 11 inches .25 2.25 18.00

SPECIOSUM RUBRUM. Rose, spotted with crimson. Bulbs 9 to 11 inches .25 2.25 18.00

SPECIOSUM MELPOMENE. Large; dark crimson, spotted. Bulbs 9 to 11 inches. .25 2.50 20.00

BATMANNIAE. Grows 3 to 4 feet high, with 5 to 10 flowers of reddish orange. Blooms in July or August .20 2.00 15.00



TENUIFOLIUM

KRAMERI. Pure blush-pink; fragrant and beautiful trumpet-shaped flowers\$0.20 \$2.00 \$15.00

TIGRINUM (Tiger Lily). Orange salmon; 3 feet high..... .10 1 25 9.00

TIGRINUM FLORE PLENO. New Double Tiger Lily..... .15 1.50 10.00

LILIUM HENRYI. A splendid lily from the mountains of China, with a strong and vigorous constitution, throwing up immense panicles of flowers similar in form to the Speciosums, but the color is a deep orange-yellow, banded with green. .60 6.00 45.00

AMERICAN AND EUROPEAN VARIETIES

Each Doz. 100

LILIUM CANADENSE. Lovely, nodding blossoms, bell-shaped; yellow, spotted black\$0.15 \$1.50 \$10.00

ELEGANS. Fine mixed colors.... .15 1.50 7.00

ELEGANS BICOLOR. Bright red, flushed; very showy and large.... .15 1.50 10.00

ELEGANS, PAINTED CHIEF. Bright flame-color20 2.00 12.00

ELEGANS ROBUSTA. Magnificent, large flowers; orange, spotted black .15 1.50 10.00

ELEGANS, AURORA. Deep rich orange, suffused scarlet..... .20 2.00 16.00

ELEGANS, LEONARD JOERG. Rich apricot, spotted; very fine.... .20 2.00 16.00

ELEGANS SANGUINEUM. Very rich, dark red with few spots.... .20 2.00 16.00

Each Doz. 100

HANSONI. A beautiful lily, flowering in June. Flowers rich golden yellow; one of the prettiest lilies in cultivation. Scarce.\$0.50 \$5.00

LONGIFLORUM. White; trumpet-formed20 2.00

PARDALINUM (Leopard Lily). Rich scarlet and yellow flowers, spotted with rich brown. Robust and free growers... .15 2.00 15.00

SUPERBUM. Grows 3 to 6 feet high, from 5 to 40 flowers, nodding; brilliant orange-red. Blooms in July15 2.00 15.00

TENUIFOLIUM (Coral Lily of Siberia.) Brilliant scarlet flowers; very early20 2.00 15.00



LILIUM AURATUM

CHOICE EXHIBITION GLADIOLI

RECENT AND WORTHY VARIETIES

PINK PROGRESSION (New) A mammoth variety, full three feet tall. In color a delicate shade of rose-pink, with a sharply defined strong dark blotch. 10 cts. ea., \$1.00 doz., \$7.50 per 100.

WAR (New) A deep blood-red flower. Very striking and beautiful. 10 cts. each, \$1.00 doz., \$8.00 per 100.

YELLOW HAMMER (New) A perfectly pure yellow, bright and full. Strong grower and a very large flower. 10 cts. each, \$1.00 doz., \$8.00 per 100.

ENCHANTRESS (New) A very striking shade of violet combined with porcelain-blue. A splendid addition to a collection on the show table. 15 cts. each, \$1.25 doz., \$9.00 per 100.

LOVELINESS Very delicate creamy white. A particularly attractive variety. 10 cts. each, \$1.00 doz., \$6.50 per 100.

ORION A pleasing shade of light rose; large blossoms, opening quicker and more regularly than many sorts. 10 cts. each, 85 cts. doz., \$6.00 per 100.

WELL TRIED VARIETIES

AMERICA. The most beautiful Gladiolus grown; the most popular among Gladioli lovers and justly so. Its tall spikes, from 2 to 3 feet high—a soft, exquisite, creamy lavender-pink. A strong grower. Fine for greenhouse culture. Excellent for bedding and borders. 8 cts. each, 65 cts. doz., \$4.50 per 100, \$40.00 per 1000.

ATTRACTION. This is a deep, dark crimson with a very conspicuous white center and throat. 5 cts. each, 50 cts. doz., \$3.50 per 100, \$35.00 per 1000.

AUGUSTA. A beautiful, white variety, with blue anthers. 8 cts. each, 60 cts. doz., \$4.00 per 100, \$38.00 per 1000.

BARON JOSEPH HULOT. A blue gladiolus—a splendid self color. Large bulbs, 10 cts. each, 85 cts. doz., \$6.00 per 100.

BRENCHELYENSIS. Brilliant vermilion-scarlet. 5 cts. each, 50 cts. doz., \$3.50 per 100, \$32.00 per 1000.

ELECTRA. Brilliant orange-scarlet, a lovely color; flowers extremely large and well arranged, a number opening at one time; very attractive. 25 cts. each, \$2.50 doz., \$15.00 per 100.

EMPRESS OF INDIA. A rich, dark red—a rare and beautiful color. One of the best of recent novelties. 10 cts. each, 75 cts. doz., \$5.00 per 100.

EUROPA. This magnificent European variety has been on the market for several years, but is still scarce. It is considered by many experts to be the best pure white yet introduced, having the finest spikes, the best individual flowers, and the purest in its snowy whiteness. 20 cts. each, \$2.00 doz., \$16.00 per 100.

GLORY OF HOLLAND. A grand, pure white, very large-flowering Gladiolus, with anthers slightly tinted lilac; long, graceful spike. Excellent for the garden, for cutting and forcing. 10 cts. each, 75 cts. doz., \$5.00 per 100; \$45.00 per 1000.

HALLEY. A most attractive, early-blooming sort, with large, well opened flowers of delicate salmon-pink. Flowers well placed on long-graceful spike. Similar in type to the popular Mrs. Francis King. 5 cts. each, 50 cts. doz., \$3.50 per 100, \$30.00 per 1000.

LILY LEHMAN. No white Gladiolus equals this variety. A Lily in both name and form, of a pure, glistening white, with just a tinting of pink on tips of petals. Matchless in form and coloring. 10 cts. each, 75 cts. doz., \$5.00 per 100.

MRS. FRANK PENDLETON. Delicate salmon-pink, with a deep, rich maroon blotch on the three lower petals, presenting a vivid contrast: of orchid-like attractiveness. 20 cts. each, \$2.00 doz., \$16.00 per 100.

MRS. FRANCIS KING. The most popular and effective variety for cut flowers. The magnificent blooms, measuring 4½ inches across, are of a brilliant flamingo pink, blazed with vermilion red. 5 cts. each, 40 cts. doz., \$3.00 per 100, \$28.00 per 1000.

NIAGARA. Rich nankeen yellow, veined carmine in center; strong grower and a very large flower. 10 cts. each, \$1.00 doz., \$7.00 per 100.

PANAMA. Beautiful deep rose self; large, well expanded flowers and fine spike. Has the same form and habit as America, and is considered the best rose-colored Gladiolus. 10 cts. each, \$1.00 doz., \$7.00 per 100.

PEACE. Beautiful white, with pale lilac feathering on lower petals; a strong grower and very large. 15 cts. each, \$1.00 doz., \$8.00 per 100.

PINK BEAUTY. Clear pink, with crimson blotch on lower petal. 5 cts. each, 50 cts. doz., \$3.00 per 100.

PRINCEPS. Probably the largest Gladiolus grown, its flower resembling an Amaryllis. It is of a rich, deep crimson with very deep shadings in its throat and broad, white blotches on its lower petal. Extra large bulbs, 10 cts. each, 70 cts. doz., \$4.50 per 100; \$40.00 per 1000.

SCHWABEN. A most attractive novelty. Color a clear canary yellow, with buds of sulphur yellow and a blotch of brownish carmine deep in the throat. 10 cts. each, 85 cts. doz., \$6.00 per 100.

WILLY WIGMAN. Large, wide-open flower. Bloom of a beautiful blush tint, with long bright Tulip blotch on lower petals. One of the most attractive Gladioli on the market. 10 cts. each, 75 cts. doz., \$5.00 per 100.



America

GLADIOLI IN CHOICE MIXTURE

W. & D.'s "Matchless" Mixture

SUPERB.

MATCHLESS.

All Extra Large. Sure to Bloom Bulbs

A mixture of exclusive quality, containing all the latest sorts such as America, Princeps, Baron Hulot, Mrs. Francis King, Red, Yellow, Striped, White, Light and Pink Shades, in fact all the most modern, largest-flowering sorts in commerce. This mixture will please you—yes, surprise you—Try it.

Doz. 35 cts.

100 \$2.50

1000 \$20



"Matchless" Mixture

Our Special PREPAID TRIAL Offer:

50 W. & D.'S MATCHLESS MIXED GLADIOLI \$1.25

Delivered in U. S. East of Mississippi River, or \$1.50 Canada, and West of Mississippi



Primulinus Hybrids

W. & D.'S PRIZE MIXTURE OF GIANT-FLOWERING GLADIOLI. A magnificent mixture of all giant-flowering sorts, including the newest and rarest hybrids, producing spikes of finest form; unsurpassed in variety of coloring and general excellence.

50 cts. per doz., \$4 per 100, \$35 per 1000.

CHILDSII GIANT, MIXED. Flowers of immense size, often measuring 4 inches across. A splendid blending of all colors, especially of the lighter shades, whites, creams, rose and delicate pinks.

50 cts. per doz., \$3.50 per 100, \$30 per 1000.

GROFF'S HYBRIDS, MIXED. Contains an endless variety of colors, mottled, penciled and variegated, as well as a fine selection of clear colors. A mixture of quality.

40 cts. per doz., \$2.75 per 100, \$25 per 1000.

W. & D.'S POPULAR MIXTURE. We pay particular attention in making up this mixture, and in it are included not only practically all the modern varieties of Gladioli in greatest variety of color, but also a goodly proportion of the higher-priced sorts. In order to give the Gladioli greater popularity we offer this really **First-Class Mixture** at the following specially low price:

25 cts. per doz., \$1.75 per 100, \$15 per 1000.

PRIMULINUS HYBRIDS. These Hybrids range in color from pale sulphur-yellow to the deepest chrome-yellow and all the charming shades of orange, including now and then some almost white. The flowers are gracefully arranged on long slender spikes which lend themselves to artistic decoration in a wonderful way; from a decorative standpoint they are simply exquisite. Have become very popular.

75 cts. per doz., \$5 per 100, \$40 per 1000.

CULTURAL DIRECTIONS FOR THE GLADIOLI

Gladioli are, perhaps, the most popular of our summer-flowering bulbous plants, extremely showy and beautiful, with long spikes of brilliantly colored flowers, as shown in the illustrations. They add lustre to the garden or wherever planted, and when cut are fine in vases, lasting a long time in water. Considering the low cost of the bulbs, their easy culture and the wonderful effects produced by their beautiful flowers, they certainly deserve a prominent place in every garden. A soil that will grow good vegetables will suit Gladioli. Set the bulbs out about April 20 (in the vicinity of New York) and successive plantings can be made until about June 1. A continuous show of blooms may then be enjoyed from July 1 until frost. Set the bulbs from 4 to 5 inches deep and about 6 inches apart; they will then take firm hold in the soil, grow erect and require no staking.

We prepay Gladioli in U. S. at single and dozen rates; add postage at Zone Rates for larger quantities.

EIGHT NEW DAHLIAS FOR 1918

AYESHA (Decorative.) Handsome clear light yellow. Flowers are immense, borne profusely on long stems. The plant is vigorous, and is recommended for garden, exhibition and commercial purposes. Each 75 cts.

GENERAL J. B. SETH (Cactus.) Very large and perfectly formed, with long, rather broad, petals; color a rich strawberry red. An early and profuse bloomer. Each 50 cts.

J. M. GOODRICH (Decorative.) It has size and beauty, exceptionally long stems, and is free-flowering. A beautiful salmon-pink, each petal effectively tipped primrose-yellow. Each 75 cts.

JOHN GREEN (Peony-flowered.) Very few of the novelties have met with such a great reception and been so genuinely admired as this new Peony-flowered Dahlia, "John Green." The coloring is exceptionally attractive and intensely brilliant; the center being a clear golden yellow which quickly changes to fiery scarlet. The shape of the flower is perfectly original; the petals being beautifully pointed, giving it a star-like appearance. Each \$1.00.

L. KRAMER PEACOCK (Decorative.) The flowers are pure white, of splendid form, with slightly cupped petals, something of the shape of Ayesha and of the greatest substance, being thick, leathery, and keeping longer than any other white. It is of strong branching habit and produces the flowers on stiff rigid stems. It is an early, free and continuous bloomer. Each \$2.00.

MINNIE BURGLE (Decorative.) This should be in every collection. The best red Dahlia in cultivation; enormous size and very free blooming. Each 50 cts., doz. \$5.00.

NANTWICH (Incurved Cactus.) With this variety the habit is a great feature, as well as the flower, the growth being upright and the flower stem particularly strong. The blossoms are of incurved form, the florets being evenly placed, unusually good in texture. The color is a beautiful golden orange, somewhat deeper in the center. Each 75 cts.

ZEPPELIN (Decorative.) The coloring is most beautiful, a lovely shade of mauve; a very fascinating color. The perfection in form of this variety is one of its greatest features. Award of Merit. Each 50 cts.

CACTUS DAHLIAS THE MOST POPULAR TYPE

ALIGHT. Gigantic orange, scarlet. Very satisfactory. Each 35 cts., doz. \$3.50.

AURORA. Reddish apricot, suffused with flesh pink, slightly tinged yellow at the tips of the petals. Each 35 cts., doz. \$3.50.

BRIGHTNESS. Flaming scarlet, with blending of golden yellow at the center.

CLARA G. STREDWICK. Large, bright salmon, shaded yellow at base.

COLUMBIA. Vermilion, tipped and striped white.

COUNTESS OF LONSDALE. Blending of amber and salmon pink.

CREPUSCULE. Gigantic, pale orange yellow at center, deepening to amber buff. Each 35 cts., doz. \$3.50.

DAINTY. Lemon yellow, daintily tipped sweetest rose pink.

DEBUTANTE. Soft pink, white tips. Each 40 cts., doz. \$4.00.

DREADNAUGHT. Glowing crimson, deepening to maroon.

EARL OF PEMBROKE. Bright plum color; large.

EUREKA. Deep purple; extra fine.

FLORADORA. Dark, velvety crimson. Each 35 cts., doz. \$3.50.

GENISTA. Beautiful, deep orange, quickly changing to gold.

GOLIATH. Immense; yellow, tinted salmon. Each 30 cts., doz. \$3.00.

HARBOR LIGHT. Orange red, overlaid with flame; immense flowers.

IANTHE. Lively shade of buff, edged salmon rose; extra large.

J. H. JACKSON. Deep, rich, velvety maroon; finest of this shade.

KRIEMHILDE. Rose pink, with white center.

LADY FAIR. Primrose, tinged soft pink. In addition to the ordinary petals there is a great profusion of long, narrow, thread-like filaments or secondary florets. Very novel.

MARS. Deep orange scarlet.

MASTER CARL. Bright amber; very large; perfect form. Each 40 cts., doz. \$4.00.

MRS. GEO. CASTLETON. Velvety, dark maroon, shaded purple. Each 35 cts., doz. \$3.50.

PRINCE OF ORANGE. Rich shade of old gold with bright yellow center.

PRINCE OF YELLOWS. Rich canary yellow; very large.

STANDARD BEARER. Bright scarlet; profuse bloomer.

UNCLE TOM. Jet black, passing to maroon.

PRICE. Except where otherwise noted, all varieties, strong, dormant roots. Each 25 cts., doz. \$2.50.

POT GROWN PLANTS, extra strong. We send these out after May 25th; varieties and prices same as for named sorts.

SPECIAL OFFERS OF CACTUS DAHLIAS

1 root each of the best 12 varieties, our selection... \$2.50

1 root each of the best 6 varieties, our selection... 1.35

If ordered by mail, add postage at zone rate: 12 roots weigh 6 lbs., packing included. Postage on single roots, 5 cts. each.

PEONY-FLOWERED DAHLIAS

New type with very large, semi-double flowers, resembling a Peony. They bloom very freely on long, strong stems, and are invaluable for cutting.

ADMIRATION. (New). Rosy crimson, veined yellow. Each 35 cts., doz. \$3.50.

AVALANCHE. (New.) Pure white. Each 50 cts., doz. \$5.00.

CÆCILIA. (New.) Gigantic, lemon yellow flowers, shaded cream. Each 50 cts., doz. \$5.00.

GEISHA. Rich combination of scarlet and gold, deepening at center of petals and shading off lighter at the edges; center yellow. Each 50 cts., doz. \$5.00.

GERMANIA. Dark, velvety wine color, shaded yellow.

GLORY OF BAARN. Brilliant pink; huge flowers. Each 30 cts., doz. \$3.00.

H. J. LOVINCK. (New). White, daintily blending to lilac; free flowering. Each 35 cts., doz. \$3.50.

HAMPTON COURT. (New). Large, brilliant and deep pink. Each 50 cts., doz. \$5.00.

MARIE STUDHOLME. (New). Large, lavender pink, with glistening, silvery sheen. Each 35 cts., doz. \$3.50.

SUNRISE. (New.) Bright pink.

SPECIAL OFFER: One each of the above ten varieties, \$5.00.



Cactus Dahlia Ianthe

GIANT-FLOWERING, or COLOSSAL DAHLIAS

Colossal fully protrays the idea—gigantic flowers of great depth, massive in proportions, and globular in shape; petals are cup-shaped, and placed in exact regularity. Plants are strong, sturdy and robust. **AMERICAN BEAUTY.** The color of this acquisition is a gorgeous wine-crimson. "American Beauty" is the largest and best of its color in existence. Each 35 cts.

REGGIE. A colossal Dahlia of beautiful, cherry-red color; producing flowers upon long stems, well above the foliage. Each 25 cts.

ROSE. One of the largest of recent introduction. Color an exceptionally deep rose shade. Flowers carried erect upon extra long stems. Exceedingly free flowering. Each 35 cts.

YELLOW COLOSSE. Of distinct color, gigantic size and beautiful appearance. Large, showy flowers of pure primrose yellow, produced very freely on long, graceful stems. Each 35 cts.

Collection of One Each of the above 4 Varieties \$1.50

W. & D.'s SHOW DAHLIAS

The popular, old-fashioned Dahlia, with quilled or tube-shaped petals regularly placed, with large, fully doubleflowers of globular form.

A. D. LIVONI. Beautiful, soft pink.

ALICE EMILY. Orange yellow; large.

ELSIE DAVIDSON. Giant flowering; deep, golden yellow.

JOHN THORPE. Pink; very large.

MERLIN. Finest orange scarlet.

MISS DODD. Very large; pure yellow.

NORMA. Live, bright orange; very large.

QUEEN VICTORIA. Canary yellow.

ROBERT BROOMFIELD. Pure white.

STORM KING. Snow white; very fine.

STRADELLA. (New.) Finest purple crimson.

WM. NEATS. Reddish fawn.

Collection of One Each of the above 12 Varieties \$1.75

DECORATIVE DAHLIAS

A beautiful class; the flowers are loosely formed; have broad, long, flat petals and present a striking appearance.

CATHERINE DUER. Crimson scarlet; very large.

DELICE. Delicate pink; very fine.

GRAND DUKE ALEXIS. Pure white, edged with pink.

JACK ROSE. Rich shade of crimson.

JEANNE CHARMET. Charming lavender pink. Each 35 cts.

LE GRAND MANITOU. Gigantic flowers; white, heavily striped and splashed violet purple. Each 50 cts., doz. \$5.00.

PRICE. Except where otherwise noted, all varieties, strong dormant roots. Each 25 cts., doz. \$2.50.

POT GROWN PLANTS, extra strong. We send these out after May 25th; varieties and prices same as for named sorts.

DECORATIVE DAHLIAS—Continued

MADAME VAN DEN DAEL. Shell pink; very large.

MRS. CHARLES TURNER. Pure yellow; very large.

MME. VICTOR VASSIER. Clear sulphur yellow. Each 35 cts.

MINOS. Finest velvety maroon.

SOUV. DE GUSTAVE DOUZON. Fine orange red; the largest of all.

SPECIAL OFFER: Each of the above 11 varieties, \$2.75

W. & D.'s SINGLE DAHLIAS

BLANCHE. Pale yellow, faintly tipped pink. One of the best of the Century type.

20TH CENTURY. Rosy crimson, white tips.

LORD GOFF. Delicate cream, heavily tipped rose pink.

MILDRED. Bright, clear yellow; finest single yellow.

ROSE PINK CENTURY. Beautiful rose pink.

WILDFIRE. Vivid flame scarlet.

COLLARETTE DAHLIAS

Flowers are single, with a row of shorter petals around the center, known as the "collar." The flowers are very brilliant and handsome and are among the most effective of all Dahlias.

ACHIEVEMENT. (New.) Largest of this type. Rich, velvety maroon; collar snowy white. Each 50 cts.

DIRECTEUR RENE GERARD. Violet purple, shaded white; collar white. Each 35 cts.

EXPOSITION DE LYON. Rosy cerise; collar white, tinted with rose.

MADAME E. POIRIER. Petunia violet; collar white; very bright and handsome. Each 50 cts.

MAURICE RIVOIRE. Crimson, white collar.

METEOR. Crimson; collar white. Each 35 cts.

PRESIDENT VIGER. Reddish carmine; collar white.

SIGNORINO ROSA ESINGRINI. Golden yellow, suffused cherry red; collar same shading. Each 50 cts.

SOUVENIR DE CHABANNE. Lemon yellow, with coral-red markings; collar lemon yellow, tipped white. Each 35 cts.

SOUVENIR DE BERNARDEAU. Maroon; collar white. Ea. 50 cts.

SPECIAL OFFER: One each of the above 10 varieties, \$3.00.

DAHLIAS IN MIXTURE

Delightfully striking combinations of all colors, splendid art shades. Just the thing for making a fine display on that odd patch.

MIXED CACTUS DAHLIAS. Each 15 cts., doz. \$1.50, 100 \$10.00

MIXED PEONY-FLOWERED DAHLIAS. Each 15 cts., doz. \$1.50, 100 \$10.00.

MIXED SHOW DAHLIAS. Each 15 cts., doz. \$1.50, 100 \$10.00.

MIXED DECORATIVE DAHLIAS. Ea. 15 cts., doz. \$1.50, 100 \$10.00.

MIXED DAHLIAS, ALL TYPES. Ea. 15 cts., doz. \$1.25, 100 \$8.50.

LARGE FLOWERING CANNAS

DAVID HARUM. Bright vermilion scarlet, mottled with deep red. Bronze foliage. 3 ft. Each 10 cts., doz. \$1.00.

DUKE OF YORK. Great bunches of immense flowers; beautiful, rich, deep crimson, with throat of curiously mottled creamy white, and each petal edged with fine gold. 5 ft. Each 10 cts., doz. \$1.00.

GUSTAVE GUMPER. The finest yellow bedding Canna; rich golden yellow. 3½ ft. Each 15 cts., doz. \$1.50.

HUNGARIA. The ideal pink bedder; flowers large, in good trusses. One of the best of the newer introductions. 3 ft. Each 15 cts., doz. \$1.50.

KING HUMBERT. Flowers, under ordinary cultivation, will measure six inches in diameter, and are produced in heavy trusses of gigantic size; brilliant orange scarlet with bright red markings; foliage is broad and massive, and of a rich coppery bronze with brownish green markings. 5 ft. Each 15 cts., doz. \$1.50.

MADAME CROZY. Vermilion, with gold border. 3½ ft. Each 10 cts., doz. \$1.00.

METEOR. Five or six trusses of bloom, which continue flowering the entire Summer. Pleasing deep crimson. 5 ft. Each 15 cts., doz. \$1.50.

MRS. ALFRED F. CONARD. Salmon pink flowers of largest size, in erect and abundantly furnished heads so freely produced as to keep a superb showing for months; rich green foliage. 4 ft. Each 20 cts., doz. \$1.75.

PANAMA. An attractive rich orange red, with a well defined edge of golden yellow. 3 ft. Each 20 cts., doz. \$1.75.

RICHARD WALLACE. A pleasing shade of canary yellow; large flowers. 5 ft. Each 10 cts., doz. \$1.00.

SHENANDOAH. A splendid bronze-leaved variety; has large salmon flowers. 4 ft. Each 10 cts., doz. \$1.00.

VENUS. The color is a gray, rosy pink, with a mottled border of creamy yellow. Green foliage. 4 ft. Each 10 cts., doz. \$1.00.

WINTZER'S COLOSSAL. Without doubt the largest-flowered Canna to date. The color is a strikingly vivid scarlet. 5 ft. Each 20 cts., doz. \$1.75.

WYOMING. Giant flowering purple foliage Canna. Blossoms orange colored with a true orchid shape. 7 ft. Each 10 cts., doz. \$1.00.



King Humbert Canna

MISCELLANEOUS SUMMER- FLOWERING BULBS AND ROOTS

BEGONIAS Tuberous-rooted

Large-Flowering Single

Crimson, Scarlet, White, Rose, Yellow, Orange, Salmon.

Each 10 cts., doz. 75 cts., 100 \$6.00.

Splendid Mixture of the above sorts.

Doz. 50 cts., 100 \$5.00.

Large-Flowering Double

Crimson, Scarlet, White, Rose, Yellow, Orange, Salmon.

Each 10 cts., doz. \$1, 100 \$6.00.

Splendid Mixture of the above sorts.

Doz. 75 cts., 100 \$5.00.

GLOXINIA (Erect-Flowering Hybrids)

EMPEROR FREDERICK. Each Doz.

Red, with white border.....\$0.25 \$2.50

MONT BLANC. Pure white......25 2.50

DEFIANCE. Rich crimson scarlet... .25 2.50

EMPEROR WILLIAM. Violet blue, white throat......25 2.50

MIXED COLORS......20 2.00

CALADIUM ESCULENTUM

(Elephant's Ear)

Among the most effective plants in cultivation for beds, borders or for planting out upon the lawn. They form a splendid combination with Cannas.

Each Doz.

Jumbo Bulbs.....\$0.50 \$5.00

Mammoth Bulbs......25 2.50

Large Bulbs......15 1.50

First-Size Bulbs......10 1.00

CALADIUM, FANCY-LEAVED. Named varieties. Each 30 cts., doz. \$3.00.

CALLA ELLIOTTIANA

Flowers are very large, rich, deep golden yellow, often 4 to 5 inches across the mouth; leaves are spotted with white.

Each 45 cts., doz. \$4.50.

CINNAMON VINE (Chinese Yam)

Splendid, hardy climber of rapid growth, with bright green, heart-shaped leaves and white, cinnamon-scented flowers. 8 feet.

Each 10 cts., doz. \$1.00, 100 \$8.00.

HYACINTHUS CANDICANS

A giant specimen of Hyacinth, blooming in August, producing a magnificent spike, 2 to 3 feet high, of thimble-like, pure white flowers.

Each 10 cts., doz. 85 cts., 100 \$6.00.

ISMENE CALATHINA GRANDIFLORA

A grand summer-flowering bulb. The flowers are very large size, like an Amaryllis; snowy white and exceedingly fragrant.

Each 20 cts., doz. \$2.00, 100 \$15.00.

LILY-OF-THE-VALLEY CLUMPS

Large clumps of Lily-of-the-Valley for outside planting and naturalizing. Each clump will throw from fifteen to twenty spikes of flowers.

Each 30 cts., doz. \$3.00, 100 \$25.00.

LYCORIS SQUAMIGERA

Amaryllis Hallii (The Magic Lily of Japan)

Produces in early Spring attractive green foliage which grows until July, when it ripens off and disappears; about a month later, as if by magic, the flower-stalks spring from the ground to a height of 2 to 3 feet, developing an umbel of large and beautiful, Lily-shaped flowers, 3 to 4 inches across, and from eight to twelve in number, of a delicate lilac pink, shaded with clear blue. Cover the crowns about 4 inches. Very useful for the hardy border or among shrubbery. Strong, flowering bulbs.

Each 20 cts., doz. \$2.00, 100 \$15.00.

LILY-OF-THE-VALLEY-PIPS (Cold Storage)

We keep a constant supply of our famous Exhibition Brand in cold storage, and can fill orders at any time of the year. Cold-storage pips require no forcing and are generally in bloom twenty-one days after planting. Case of 250 pips \$15.00, case of 500 pips, \$25.00. Orders booked for immediate and future deliveries.



Double Pearl Tuberose



Caladium esculentum

MADEIRA VINE

A most popular climber. Strong roots.

Each 5 cts., doz. 50 cts., 100 \$4.00.

MONTBRETIAS

Giant-Flowering Varieties

	Doz.	100
CALIFORNIA.....	\$0.20	\$1.50
FIRE KING.....	.30	2.50
G. DAVISON.....	.50	3.50
KOH-I-NOOR.....	.50	4.00

Standard Varieties

CROCOSMAEFLORA.....	.20	1.50
GOLDEN SHEAF.....	.30	2.00
POTTSH GRANDIFLORA.....	.30	2.00
RAYON D'OR.....	.30	2.00
ROSEA.....	.30	2.50
SOLEIL COUCHANT.....	.30	2.00
MIXED VARIETIES.....	.20	1.50

TUBEROSES

DWARF DOUBLE PEARL. Mammoth Bulbs.

Doz. 40 cts., 100 \$3.00.

TRITOMA PFITZERI

(Red-Hot-Poker Plant)

Each 25 cts..... doz. \$2.50.

We prepay Bulbs in United States at single and dozen rates; add postage, at zone rates, for larger quantities

Hardy Chrysanthemum Plants for Spring Delivery

Undoubtedly one of the finest herbaceous plants, producing a profusion of bloom after the beauty of other garden plants has been destroyed by frost. Very fine for cutting purposes. Our collection comprises all desirable shades. Plants set out in April and May will bloom in late Autumn and last for many years.



Hardy Chrysanthemums

ANEMONE VARIETIES

PRICE: 15 cts. each, \$1.50 per doz., \$10 per 100.

- | | |
|------------------------|---|
| Barney. Golden bronze. | Myer's Perfection. Fine, pure white; tall grower. |
| Eva. Rose pink. | Oban. Silver pink; fine for cut flowers. |
| May Suydam. Bronze. | |

SINGLE FLOWERED

PRICE: 15 cts. each, \$1.25 per doz., \$8 per 100.

- | | |
|------------------------------------|-------------------------|
| Aaron. Bronze scarlet. | Rosy Morn. Silver pink. |
| Garza. White, with quilled petals. | Wallis. Pure yellow. |

LARGE-FLOWERING or ASTER VARIETIES

PRICE: 15 cts. each, \$1.50 per doz., \$10 per 100, delivered.

- | | |
|--|--|
| Ashbury. Sulphur white; for cut flowers. | Lorley. Large, full flowers; yellow, tinged pink. |
| Bohemia. Fine, pure white; for cut flowers. | Miss Emma. Golden, bronze; tall. |
| Bradshaw. Silver pink; large, full flowers. | Miss Julia. Orange red, turning to yellow. |
| Cumberland. Long stems; large flowers; pure yellow. | Mrs. Porter. Bright bronze; for cut flowers. |
| Daisy Anderson. Reddish bronze; dwarf. | Mrs. Vincent. Violet red. |
| Dundee. Dark red. | Peto. Rich bronze. |
| Eldorado. Bright golden, open center. | Prince of Wales. Best pure white; for cut flowers. |
| Elkton. Light pink; full, large flowers. | Queen of Bulgaria. Violet rose. |
| Excellence. Pure white; tall grower. | Queen of Whites. Fine, creamy white; long stems. |
| Excelsior. Bright orange yellow; long stems. | Rebecca. Orange yellow. |
| Findon. Violet rose. | Rev. W. H. Hoffman. Bronze, tipped yellow; large flowers. |
| Fred J. Red orange; for cut flowers. | Salem. Silver rose; long, quilled petals. |
| Germania. Large flowers; straw white; long stems. | Silver Queen. Light silver pink. |
| Globe d'Or. Dwarf; clear yellow. | Sir Michael. Lemon yellow. |
| Hero. Clear pink; large flowering. | Susquehanna. Clear, lemon yellow. |
| Irene. Pure white, shaded flesh; early. | St. Elmo. Splendid white; for cut flowers. |
| Jersey White. Pure white. | St. Illoria. Silver rose; quilled petals; for cut flowers. |
| Julia Lagravere. Crimson maroon; for cut flowers. | Sylvia. Large flowers. scarlet bronze; tall grower. |
| King Henry. Straw white; long petals. | The Hub. Fine white; open center. For cut flowers. |
| King Phillip. Rich rose pink. | Triomphe d'Or. Rich, golden yellow. |
| Lady Naylor. White. | Urith. Large flowers; broad petals; bronze, tipped yellow. |
| Lelia. Bright brick red. | Windless. Rich orange yellow, large flowers. |
| Lilian Doty. The finest pink in the large-flowered section of the entire Chrysanthemum family. | |

SMALL-FLOWERED, or BUTTON VARIETIES

PRICE: 15 cts. each, \$1.25 per doz., \$8 per 100.

- | | |
|--|--|
| Agalia. Light orange, shaded pink; for cut flowers. | Inez. Scarlet bronze; very brilliant; tall grower. |
| Alice Cary. Pure yellow. | Jeanetta. Silver bronze and rose. |
| Baby. Smallest golden yellow. | Little Pet. Rich violet rose. |
| Baby Margaret. White. | Lyndhurst. Deep scarlet bronze. |
| Brown Bessie. Dark bronze. | Mary. Pearl white, flushed pink. |
| Dawn. Daybreak pink. | Nellie Bly. Blush pink. |
| Donald. Light pink; very fine grower. | Nesco. Clear pink. |
| Doris. Pure bronze; one of the best. | Rhoda. Pink, shaded white. |
| Eleganta. Deep rose, shaded white. | Rita. Bright pink; very handsome variety. |
| Ermine. Bright orange scarlet. | Ruby Queen. Dark ruby red. |
| Fashion. Maize yellow; for cut flowers. | Rufus. Crimson maroon. |
| Golden Climax. Orange yellow. | Ruth. Rosy lilac; very attractive. |
| Golden West. A duplicate of the yellow Baby, except that it is twice as large. | Stratagem. Straw bronze and yellow. |
| Henrietta. Bronze, yellow edge. | Sunshine. Bright golden yellow; for cut flowers. |
| | Yellow Gem. Golden yellow. |

HARDY PERENNIAL PLANTS

The perpetual charm of a hardy border is forever a joy to its owner. With a proper selection of varieties, flowers may be had continuously from earliest Spring until late in Autumn; yes, even in November and December the Chrysanthemum still glorifies the garden. Once planted, perennials are permanent, live out over Winter and increase each year.

We supply strong plants of the following sorts:

PRICES: 15 cts. each, \$1.50 per doz., \$10.00 per 100; express collect, except where otherwise quoted.

If wanted by mail, add postage as follows: Up to 3 plants, 5 cts.; from 3 to 6 plants, 10 cts.; from 6 to 12 plants, 15 cts., east of Mississippi and twice the amount west of Mississippi.

"July to September," etc., indicates the period of flowering.

- ACHILLEA PTARMICA PLENA (The Pearl). Double white, July.
- ALYSSUM SAXATILE COMPACTUM. Yellow, May.
- ANCHUSA ITALICA, DROPMORE VARIETY. Dark blue, June to September. Each 25 cts., doz. \$2.50.
- AQUILEGIA, LONG SPURRED. Various colors, May.
- CAMPANULA MEDIA (Canterbury Bells). Assorted varieties.
- CAMPANULA PERSICIFOLIA. Blue, June to July.
- CENTAUREA MONTANA. Blue, June and July.
- CHRYSANTHEMUM, SHASTA DAISY. White, all Summer.
- COREOPSIS LANCEOLATA GRANDIFLORA. Tickseed, golden yellow, Summer.
- DELPHINIUM ELATUM. ENGLISH HYBRIDS. Tall Larkspur; shades of blue, June to Aug. Each 25 cts., doz. \$2.50.

- DIGITALIS PURPUREA (Foxglove). Purple, white, rose; May and June.
- FUNKIA SUBCORDATA GRANDIFLORA (Plantain Lily). White, Aug. Each 20 cts., doz. \$2.
- GAILLARDIA GRANDIFLORA COMPACTA. Yellow and crimson, July to Sept.
- GYPSOPHILA PANICULATA (Baby's Breath). White, July-Aug.
- HELENIUM AUTUMNALE SUPERBUM (Sneezewort). Clear yellow, Aug. Each 20 cts., doz. \$2.00.
- HOLLYHOCK. Double, separate colors, June to Aug. Each 25 cts., doz. \$2.50.
- IRIS. Best assorted. Each 20 cts., doz. \$2.00.
- LYCHNIS CHALCEDONICA (Scarlet Lightning). Scarlet, July.
- MONARDA DIDYMA (Bee Balm). Scarlet, Aug. to Sept. Each 20 cts., doz. \$2.00.

- MYOSOTIS PALUSTRIS SEMPERFLORENS (Forget-Me-Not). Blue, April and May.
- PAPAVER ORIENTALE (Oriental Poppies). Crimson, June. Each 25 cts., doz. \$2.50.
- PENTSTEMON BARBATUS TORREYI. Coral red, Aug.
- PHLOX DECUSSATA. Best assortment of varieties.
- PHLOX SUBULATA ROSEA (Creeping Phlox). Pink, April and May.
- PYRETHRUM ROSEUM. Various, May. Each 20 cts., doz. \$2.00.
- RUDBECKIA LACINIATA (Golden Glow). Yellow, Aug.
- SEDUM SPECTABILIS. Pink, Aug. and Sept.
- STOKESIA CYANEA (Cornflower Aster). Blue. Each 20 cts., doz. \$2.00.
- SWEET WILLIAM. Brilliant whites, pinks, reds. June.

CARNATIONS

Strong, field-grown plants of all leading varieties can be supplied. It will pay you to get our prices before placing your orders elsewhere.

BEDDING PLANTS

Geraniums, Petunias, Salvias, Stocks, etc., at reasonable prices. Let us quote you on your needs.

THE CHOICEST ENGLISH ROSES

THE CREAM OF ALL EXISTING VARIETIES

Out of the almost endless whirl and confusion of varieties of Roses existing to-day we have made the following selection, which we deem the World's Best for 1918. All of them have received Gold Medals either in America or abroad. Please examine carefully our Gold Medal Collection of **TEN BEST EVERBLOOMING ROSES**, listed below. This should especially appeal to everyone intending to plant Roses. Each variety therein is a perfect "gem," a rare beauty of the finest form and perfection; all desirable colors will be found included, and plants will bloom continuously from June until hard frost.

Weeber & Don's Roses are strong, especially selected, two-year-old field-grown plants, full of vigor, very hardy and should in all cases bloom the first season.



W. & D.'S GOLD MEDAL COLLECTION OF "TEN BEST" EVERBLOOMING ROSES

Delivered free east of the Mississippi for \$3.50; delivered free west of the Mississippi for \$4.50

This collection cannot be altered or split up except at special prices noted below.

AVOCA. Brilliant crimson-scarlet, buds very long and pointed, large and sweetly scented.

CAROLINE TESTOUT. A very beautiful, bright centered satin pink. The blooms are large and full, freely produced and are remarkably sweet.

COUNTESS OF SHAFTESBURY. Bright silvery carmine, mottled and flushed pale shell pink at the edges of petals, giving a delightful picotee effect.

EDWARD MAWLEY. Deep rich purplish crimson, a wonderful Rose in size, shape, form and color; very sweet and one of the best for exhibition.

GENERAL MACARTHUR. A large flower; very heavily scented; color a bright crimson. A very fine sort.

HARRY KIRK. Deep sulphur yellow, large, full, perfect form; long, elegant buds, a splendid Rose.

LADY HILLINGDON. Bright golden yellow, shaded fawn and apricot, first rate for button holes and general decorative purposes; vigorous in growth and a profuse bloomer.

LYON ROSE. Salmon, shaded yellow with shrimp pink at the ends of the petals. A very desirable rose, and one which gives remarkably good results in our climate. Very fragrant.

MILDRED GRANT. Ivory white, faintly flushed with pink; flowers of immense size and substance. Fine for exhibition.

SUNBURST. A long-shaped rose, large and full. Yellow, with a tendency to orange in the center, a most striking combination. Very vigorous.

W. & D.'S "SUBURBAN GARDEN" COLLECTION

Five Choice Everblooming Roses for \$2.00, delivered in U. S.

BRITISH QUEEN. Snow white, with a tendency to blush in the bud form. Large flower.

JONKHEER J. L. MOCK. Carmine, changing to imperial pink. Large and very sweet scented.

LIBERTY. Brilliant crimson, large and with a sheen like velvet. Highly perfumed.

MME. RAVARY. Deep yellow with a suggestion of orange; very striking. An excellent variety in every way.

PHARISAER. Rosy white, shaded salmon.

Any of the varieties in the above collection if wanted separately: 50 cts. each, \$5 per doz., prepaid east of Mississippi; 60 cts. each, \$6 per doz., prepaid west of Mississippi

TWO CHARMING HYBRID BRIER ROSES THAT SHOULD BE IN EVERY GARDEN

50 cts. each, prepaid east of Mississippi; 60 cts. each, prepaid west of Mississippi.

RAYON D'OR (Golden Beam). Deep orange, splashed with scarlet outside the bud, which opens a rich sunflower-yellow; glossy deep green Barberry-like foliage; a grand bedding Rose and exceptionally effective as a cut flower; awarded the Gold Medal—the highest award of the National Rose Society.

JULIET. A most strikingly colored Rose, with a rare and deliciously refreshing fragrance; old gold on the back of the petals, interior brilliant carmine-rose; very double and of finest form; the glossy Barberry-like foliage forms a handsome contrast to the brilliant flowers.



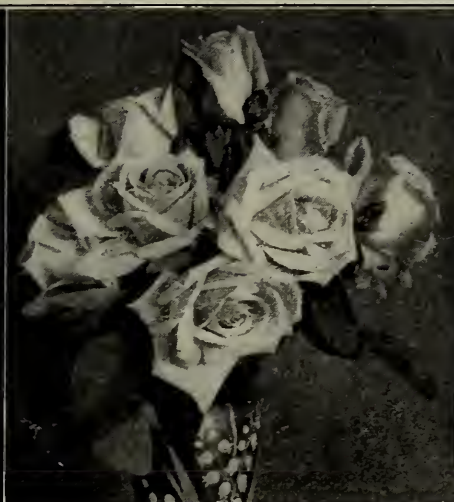
Lyon Rose



Ask for "Roses," one of our "Leaflets which Tell You How."



Snow Queen



Killarney



Ophelia

OTHER VERY CHOICE ROSES

H.T.—Meaning “Hybrid Tea or Everblooming Roses.”—Bloom continuously from June till frost.

H.P.—Meaning “Hybrid Perpetual.”—Bloom profusely in June and sparingly throughout the season.

EXTRA STRONG TWO-YEAR-OLD BUSHES: 40 cts. each, \$4 per doz., prepaid east of Mississippi; 50 cts. each, \$5 per doz., prepaid west of Mississippi.

Important: Send your order early, as late in the season some varieties may be out of stock.

AMERICAN BEAUTY. H.P. Bright red, very large and full.

BETTY. H.T. Combination of yellow and copper-color. A large bloom, excellent in every way.

DEAN HOLE. H.T. Silvery carmine, shaded salmon. Large and good.

EARL OF WARWICK. H.T. Salmon pink, touched with vermillion, very fragrant.

EDU MEYER. H.T. Copper, red and yellow, a lovely combination.

FISHER HOLMES. H.P. Deep crimson-red. A splendid rose.

FLORENCE H. VEITCH. H.T. A distinct variety; very deep red. Perfumed.

HIS MAJESTY. H.T. Vermilion-red. Large and full; sweetly perfumed.

HUGH DICKSON. H.P. Brilliant crimson-scarlet, free flowering. Is perfumed.

IRISH ELEGANCE (Single). A bronze orange-scarlet, assuming various apricot shades. Excellent for button-holes or for decoration; flowers onward from June.

KILLARNEY. H.T. Pale flesh pink, flushed deeper pink, large.

KING GEORGE V. H.T. Blackish crimson. Large and full.

LADY ASHTOWN. H.T. Pale rose shaded with yellow; sweet.

LA FRANCE. H.T. Bright pink; very highly perfumed.

Excellent in every way.

LA TOSCA. H.T. Soft pink, tinted with rosy white, very sweet.

MABEL DREW. H.T. Canary yellow; deliciously perfumed.

MARGARET DICKSON. H.P. Pure white, large and full.

MME. ABEL CHATENAY. H.T. Carmine rose, shaded salmon.

MME. ED. HERRIOTT (The Daily Mail Rose). This Rose won the D. M. Gold Cup at the I. H. E., London, in competition open to the world. The buds are coral red, approaching scarlet, shaded with golden yellow at base, and opening to glowing flame color.

MRS. CORNWALLIS WEST. H.T. Delicate pink on white, a magnificent Rose of huge size and great substance.

MRS. JOHN H. LAING. H.P. Soft pink, large flower, fine form.

MRS. THEODORE ROOSEVELT. H.T. Creamy white with a pink center.

MRS. W. H. CUTBUSH. Dwf. Polyantha. A beautiful double, flesh pink.

OLD GOLD. H.T. A combination of red, orange, copper and apricot. Sweetly perfumed.

OPHELIA. H.T. Salmon-flesh, shaded with rose. Perfect.

PRINCE CAMILLE DE ROHAN. H.P. Deep velvety crimson.

RICHMOND. H.T. Scarlet crimson, free flowering and very fragrant.

SNOW QUEEN (F. K. Druschki). Snow white, very large and full.

CLIMBING ROSES

EXTRA STRONG TWO-YEAR-OLD PLANTS: 50 cts. each, prepaid east of Mississippi; 60 cts. each, prepaid west of Mississippi.

AMERICAN PILLAR. Pink with white center. The large flowers are single and have prominent yellow stamens; flowers produced in clusters.

CLIMBING CAROLINE TESTOUT. A climbing form of this well-known pink variety. The flower is large, full and sweet scented.

CRIMSON RAMBLER. A well-known and fine double polyantha rose. The blooms are brilliant crimson and are carried in large trusses.

DOROTHY PERKINS. Rose-pink, cluster rose; sweet scented.

EXCELSA. Brilliant scarlet, double in clusters; beautiful.

FELICITE PERPETUEL. Creamy white. A good rose.

GARDENIA. Snow white, the double flowers being borne in clusters.

GLOIRE DE DIJON. A buff rose with orange center, very large and double. Old, but still unbeatable. The best light colored climber.

HIAWATHA. Deep intense crimson, single; large trusses; very vigorous.

SOURCE D'OR. Deep yellow, very free, and pretty.



Climbing Roses

FRUIT TREES AND SMALL FRUITS

APPLES

Early Harvest, Red Astrachan, Yellow Transparent, Duchess of Oldenburg, Fall Pippin, Gravenstein, Baldwin, Ben Davis, Rhode Island Greening, Golden Russet, Northern Spy. 3-year-old selected trees, \$1 each.

CRAB APPLES

3-year-old selected trees, \$1 each.

PEACHES

Belle of Georgia, Elberta, Crawford's Late, Crawford's Early, Stump the World, Mountain Rose, Triumph, Early Rivers. 3-year-old selected trees, 75 cts. each.

PEARS

Bartlett, Clapp's Favorite, Flemish Beauty, Kieffer, Seckel, Sheldon, Beurre d'Anjou. 3-year-old selected trees, \$1 each.

CHERRIES

Governor Wood, Coe's Transparent, English Morello, Napoleon, Bigarreau, Black Eagle. 3-year-old selected trees, \$1 each.

QUINCES

Champion. 3-year-old selected trees, \$1 each.

PLUMS

Lombard, Bradshaw, Abundance, Burbank, Green Gage, Damson. 3-year-old selected trees, 75 cts. each.

GRAPE-VINES, HARDY

Agawam. Large bronze berries.

Brighton. Large; coppery red; early.

Concord. Black.

Moore's Early. Black; very early.

Niagara. Grand white variety.

Worden. Black; very juicy; early.

Strong 2-year-old canes, 35 cts. each, \$3.50 per doz.

BLACKBERRIES

Eldorado. Very large.

Erie. Large; round; very hardy.

Lawton. Very prolific.

Rathbun. Large and handsome fruit; intense black.

75 cts. per doz., \$5 per 100.

CURRENTS

Black Champion. Very large and productive.

Cherry. Rich red; large and acid.

Fay's Prolific. Large; bright red; excellent flavor.

Lee's Prolific. Large; very prolific.

White Grape. The best white variety.

15 cts. each, \$1.50 per doz., \$10 per 100.

GOOSEBERRIES

Downing. Large; pale green; very popular.

Industry. Large; dark red; very prolific.

Lancashire Lad. Fine; large; red.

Smith's Improved. Greenish yellow; fine for table use.

2-year-old bushes, 25 cts. each, \$2.50 per doz.

RASPBERRIES

St. Regis. Everbearing.

Cuthbert. Deep, rich crimson berries; large; good flavor.

Cumberland. Very large black berries.

Golden Queen. Large; golden yellow.

Marlboro. Fine, early; red.

Strong canes, \$1 per doz., \$6 per 100.

STRAWBERRIES

For a complete list, see special catalogue of Pot-grown Strawberries. Plants ready July 15. Varieties not listed can also be supplied.

Excelsior. Extra early; large fruit.

Bubach. Midseason; very large.

Glen Mary. Midseason.

Marshall. Midseason to late; excellent.

Commonwealth. The best late sort.

Strong layer plants. 35 cts. per doz., \$1.50 per 100.

UP-TO-DATE GARDEN BOOKS ON ALL SUBJECTS

All are post-paid at prices quoted.

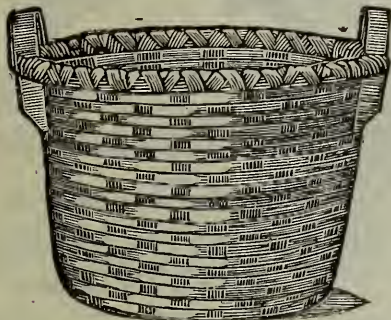
- ALFALFA**, by Coburn. A complete treatise on growing this valuable field crop.....\$0.65
- ASPARAGUS**, by Hexamer. Only American work on the subject..... .60
- BEAN CULTURE**, by Sevey. You will need it to get results..... .65
- BEGINNERS' GARDEN BOOK**. Its lessons are continuous, telling step by step the work from season to season, by Allen French..... 1.10
- BOOK OF WATER GARDENING**, by Peter Bisset. 200 pages and 139 illustrations..... 2.65
- BUSH-FRUIT**. How to grow and care for Raspberries, Blackberries and other small fruit, by Card..... 1.90
- CABBAGE AND CAULIFLOWER CULTURE**, by C. L. Allen. Successful methods..... .65
- CELERY CULTURE**, by Beattie. You will need this complete treatise if you would be successful with celery..... .65
- CHRYSANTHEMUM, THE**, by A. Herrington. Illustrated. A complete treatise on their culture. 100 pages. Cloth..... .65
- CLOVERS**, and how to grow them, by Thomas Shaw..... 1.35
- COMMERCIAL CARNATION CULTURE**. Edited by J. Harrison Dick. A practical guide to modern methods of growing. 262 pages, freely illustrated..... 1.60
- CULINARY HERBS**. How to grow them successfully, by Kains..... .85
- FRUIT AND VEGETABLES UNDER GLASS**, by Wm. Turner. A complete guide for forcing fruits and vegetables under glass. Cloth. 256 pages..... 3.65
- GARDEN GUIDE**, by J. H. Dick. How to plan, plant, grow and care for vegetables, fruit, Roses, flowers, trees, shrubs, lawns, etc. Cloth..... .75
- Paper**..... .50
- GREENHOUSES: THEIR CONSTRUCTION AND EQUIPMENT**, by Wright. The best methods of building and equipping large and small greenhouses..... 1.70
- GREENHOUSE MANAGEMENT**, by Taft..... 1.65
- GROWING ASPARAGUS**. How and where. Send for this book by Hexamer..... .65
- HOME FLORICULTURE**. How to make the home grounds beautiful, by E. Rexford..... 1.10
- HOME VEGETABLE GARDEN**. A practical guide book by Kruhm..... 1.10
- HOME VEGETABLE GARDENING FROM A TO Z**. Adolph Kruhm. Expected to be off the press February 1st. This is the latest work dealing with this subject, and as the author is a well-known expert, it is assured of a large circulation. Upwards of 300 pages. Illustrated in colors..... 1.35
- HOUSE PLANTS**, by Parker T. Barnes. 236 pages and 30 full-page illustrations..... 1.35
- HOW TO GROW ROSES**, by Robert Pyle. 121 pages. Illustrated... 1.10
- HOW TO GROW VEGETABLES**, by French. Send for this practical handbook for the home garden..... 1.90
- HOW TO LAY OUT SUBURBAN HOMES**, by Herbert J. Kellaway. Contains many useful hints. 112 pages, 38 halftone illustrations and 15 plans and maps..... 2.15
- INSECTS INJURIOUS TO VEGETABLES**, by F. H. Chittenden, S. C. D. Profusely illustrated. 300 pages. Cloth..... 1.65
- LANDSCAPE GARDENING**, by F. A. Waugh. Illustrated. A treatise on the general principles governing outdoor art. 152 pages. Cloth... .80
- MANUAL OF GARDENING**, by Bailey. A very complete book on the planting and culture of vegetables and flowers..... 2.15
- MELON CULTURE**. You need to know some of the tricks of growing melons as given in this book by Troop.....\$0.65
- MESSAGES OF THE FLOWERS**. A new book, giving in a convenient form a quantity of little known data in regard to the history of flowers, their legendry, and the "Language of Flowers." Of use to writers upon gardening subjects, by Geo. H. O'Neill..... 1.00
- MUCK CROPS**. A book on vegetable crops raised on reclaimed land; in some localities known as black dirt or muck. A. E. Wilkinson..... 1.35
- MUSHROOM CULTURE**, by Duggar. You can grow this crop successfully if you follow instructions in this book..... 1.60
- NEW ONION CULTURE, THE**, by Greiner..... .65
- NEW RHUBARB CULTURE**, by Fiske. New ways of getting better results..... .65
- PEAS AND PEA CULTURE**, by Sevey. There are tricks in growing peas successfully. Read this book and learn them..... .65
- PLANT PROPAGATION, GREENHOUSE AND NURSERY PRACTICE**. Tells of the various ways by which plants are propagated and how it is done; by M. G. Kains. Illustrated. 324 pages. Cloth..... 1.65
- POTATO, THE**. Getting big crops of spuds requires knowledge of their culture. This book by Frazer gives it..... .80
- PRACTICAL FLOWER GARDEN**. A valuable treatise for the amateur, by Ely..... 2.15
- PRINCIPLES AND PRACTICE OF PRUNING**, by Kains. New, complete and practical. Profusely illustrated by photos and drawings..... 2.15
- PRINCIPLES OF FRUIT GROWING**, by L. H. Bailey. Fruit culture is treated thoroughly. 516 pages..... 1.90
- PRINCIPLES OF VEGETABLE GARDENING**, by Bailey. Full directions growing all kinds of vegetables..... 1.65
- ROSE, THE**, by H. B. Ellwanger. Its cultivation, varieties, etc. A complete guide..... 1.35
- SPRAYING CROPS**, by C. M. Weed. Illustrated. 140 pages. Cloth..... .65
- STUDY OF CORN**. You are bound to succeed if you follow directions in this book by Shoesmith..... .65
- SWEET CORN**. 203 pages dealing with the cultivation, drying and canning of this largely grown vegetable. A. E. Wilkinson..... .80
- SWEET PEAS FOR PROFIT**, by J. Harrison Dick. This is a practical guide to the most up-to-date methods of growing Sweet Peas under glass in Winter and in the open air for a Summer crop. Divided into eleven chapters. Well printed on woodcut paper and freely illustrated; strongly bound; 147 pages, with complete index..... 1.65
- SWEET POTATO CULTURE**. How to get results as given by Fitz..... .65
- TOMATO CULTURE**, by Tracy. Tells how to avoid tomato troubles and get big crops..... .65
- VEGETABLE FORCING**, by Ralph L. Watts. 400 pages, profusely illustrated; dealing in a masterly manner with the growing of all vegetables under glass..... 2.15
- VEGETABLE GARDENING**. A complete, concise, authentic treatise by Watts..... 1.90
- VINES AND HOW TO GROW THEM**, by Wm. M. McCullom. A list of varieties for different locations is contained in this book of 300 pages. Illustrated..... 1.35
- WINDOW FLOWER GARDEN**. Tells how best to grow flowers in such confined areas; by Heinrich..... .55
- WOMAN'S HARDY GARDEN**, A. Interesting and instructive book on growing the hardy plants, by Ely..... 1.90

W. & D.'s GARDEN TOOLS AND SUNDRIES



BASKETS, Oak, Open Market.

No.	Each	Doz.
1. Size, 10x18 in.....	\$0.80	\$8.00
2. Size, 11x20 in.....	.95	9.50
3. Size, 13x23 in.....	1.00	10.75
4. Size, 15x24 in.....	1.25	13.50
5. Size, 16½x25 in.....	1.50	15.00



BASKETS, Vegetable. Oak splint. For carrying vegetables, leaves, etc.

Each	Doz.
1-bus.....	\$1.25
2-bus.....	2.00
3-bus.....	3.25

BASKETS, Strawberry.

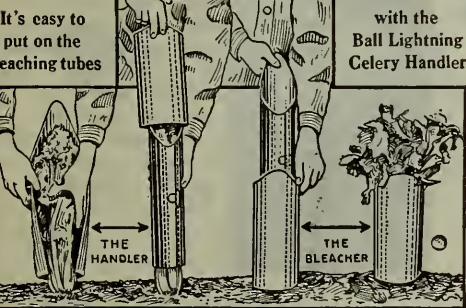
100	1000
1-qt. size.....	\$1.25 \$9.00
2-qt. size.....	2.00 18.00

Baskets, Wire. For carrying and washing vegetables.

Each	Doz.
½-bus. size.....	\$1.25
1-bus. size.....	2.00



DIBBERS. For planting. Each 60 cts. P.P. 2 lbs.



BALL CELERY BLEACHER

The small private grower and gardener will find this an ideal system of bleaching Celery—handy, neat and just the thing to bleach a few stalks every few days as wanted.

Price of the Ball Lightning Handler \$3.50; mail weight 3 lbs. Bleachers 6x12 inch, 30 cts. per doz., \$2.00 per 100; 6½x13 inches 35 cts. per doz., \$2.25 per 100; mail weight per doz., 2 lbs.

GARDENER'S GLOVES.

For protecting the hands, handling thorny plants, etc.

Oxford Tan, per pair.....\$2.50
(Add extra for P.P.; weight 1 lb.).

EUREKA HAND WEEDER

Our choice of the finger weeder; the prongs being of solid forged steel, are thin and long and get right down to work in loosening soil and breaking crust.

Short handle, 45 cts. each.
(Add Extra for P.P.; weight, 2 lbs.)



EXCELSIOR WEEDER.
Claw fingers; short handle very useful. 10 cts. each. P.P. 1 lb.

ONION WEEDER. A popular tool for weeding among Onions, etc. 50 cts. P.P. 1 lb.



FORKS, Weeding. Short Handle.
English.....\$1.50
American Maleable......20
Steel......40
P.P. 2 lbs.

BIRD NETTING

To Protect Fruits, Vegetables, etc.
To protect Lettuce, Peas, Strawberries and other vegetables and fruits from the ravages of birds, we offer a good quality cotton netting of 1-inch mesh. It comes in 20-foot and 30-foot widths and of any reasonable length.
Price, \$1.30 per 100 sq. feet; P.P. 1 lb.

TROWELS, Forged Steel. 5-in.....\$0.55
6-in......60
7-in......65
8-in......70
Cast Steel, 6-in......35
P.P. 2 lbs.

Slim Jim.
Large..\$0.25
Small.. .20

HEART-SHAPED. For planting out large pot-plants, bulbs, etc.
Each 75 cts.; P.P. 2 lbs.

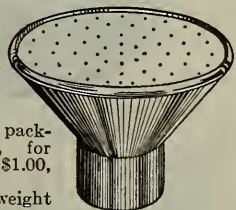
BRASS HOSE NOZZLE. With stop-cock, spray rose and stream.
Price, for ¾-in. hose \$1.25.
(Add extra for P.P.; weight, 1 lb.).

THE "GRADUATING" SPRAY NOZZLE
Boston. Throws a fine spray or solid stream.
¾-in., each 60 cts.; P.P. 1 lb.

CALIFORNIA.
This is the most popular sprinkler on the market. It has four brass arms and is mounted on a sled so that it can be easily dragged over the lawn without turning off the water.
Each \$2.00
P.P. 4 lbs.

WIDE FACE HOSE SPRINKLER

The holes are small and numerous, so that a copious, yet gentle shower is given without washing or packing the soil. Price, for ¾-in. hose, 3-in. face, \$1.00, 4-in. face, \$1.25.
(Add extra for P.P., weight 1 lb.).

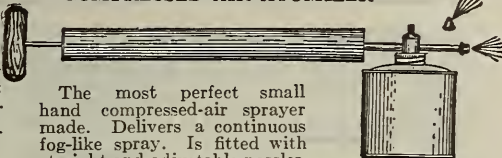


THE SUNSET. Throws a beautiful mist-like spray; neat and compact.
Each \$1.35.
P.P. 3 lbs.



BRASS FOUNTAIN. Simple and convenient; cannot get out of order, and does not rust.
Each \$1.00. P.P. 1 lb.

CCMPRESSED AIR ATOMIZER



The most perfect small hand compressed-air sprayer made. Delivers a continuous fog-like spray. Is fitted with straight and adjustable nozzles, making a perfect under-leaf sprayer. In fact, spray can be delivered at any angle or position desired. Made in solid brass, highly polished. Holds 1 quart; price \$2.00; mail weight, 2 lbs.
In galvanized, \$1.25; same weight.

UNIVERSAL COMBINATION



An elegant combination sprinkler; has large, oval spray-cover in addition to the three revolving arms; very attractive and satisfactory.

Each \$2.50; P.P. 4 lbs.

LABELS, ZINC. Indestructible and convenient.
Doz. 50 cts.; 100 \$3.50.

LABELS, SIMPLEX.
Waterproof, neat, convenient, permanent.
The writing is protected by the transparent cover, and will last indefinitely if done with lead-pencil.
Doz. 100
No. 1. 3x½-in., 100-box weighs P.P. 1 lb. \$0.35 \$2.50
No. 2. 4x¾-in., " P.P. 1 lb. .70 5.00
No. 3. 5x1-in., " P.P. 2 lbs. 1.00 7.50
Including copper wires for attaching

LABELS, WOODEN, POT and GARDEN
Plain
4-in., 1000 box weighs P.P. 4 lbs.....\$0.10 \$0.80
5-in., " " P.P. 4 lbs......15 1.00
6-in., " " P.P. 5 lbs......20 1.50
8-in., " " P.P. 2 lbs......50 4.25
10-in., " " P.P. 2 lbs......60 5.50
12-in., " " P.P. 3 lbs......75 6.75
Painted—
4-in., 1000-box weighs P.P. 4 lbs.....\$0.15 \$1.10
5-in., " " P.P. 4 lbs......20 1.75
6-in., " " P.P. 5 lbs......25 2.00
8-in., 100 box weighs P.P. 2 lbs......70 6.00
10-in., " " P.P. 2 lbs......80 7.25
12-in., " " P.P. 3 lbs......90 8.50

LABELS, WOOD. Copper-wired. 3½-in., painted. 100 35 cts., 1000 \$2.50; P.P. 4 lbs.

5 ft. long X 5/8 in. dia.	
4 ft. X 9/16 in.	
3½ ft. X 9/16 in.	
3 ft. X 1/2 in.	
2½ ft. X 7/16 in.	
2 ft. X 3/8 in.	
1½ ft. X 5/16 in.	

STAKES, Square Plant, For Pot or Garden Use.

Doz.	100
2 ft.....	\$0.35 \$2.25
3 ft.....	.75 5.50
4 ft.....	1.00 7.50
5 ft.....	1.25 10.00
6 ft.....	1.50 12.00

Round, Green, Tapering, Light.

Doz.	100
1½ ft.....	\$0.15 \$1.25
2 ft.....	.25 2.30
3 ft.....	.50 4.75
4 ft.....	.75 7.25
5 ft.....	1.00 8.50

Round, Green, Heavy.

Each	Doz.	100
4 ft.....	\$0.12	\$1.25 \$9.75
5 ft.....	.17	1.75 12.25
6 ft.....	.20	2.00 15.00

Dahlia Poles, Heavy.

Round, green; tops painted white.	Each	Doz.	100
2 ft.....	\$0.05	\$0.50	\$4.00
3 ft.....	.08	.75	6.00
4 ft.....	.10	1.00	8.00
5 ft.....	.12	1.25	10.00
6 ft.....	.15	1.50	12.00

Bamboo. From 5 to 8 ft. in length. Doz. 35 cts., 100 \$2.50, 1000 \$18.00.

WEBER & DON

STAKES, Bamboo, Japanese, Green.

	Doz.	100	1000
1½ ft	\$0.15	\$0.50	\$4.00
2 ft .....	.20	.70	5.00
3 ft .....	.25	1.00	8.00
4 ft .....	.30	1.10	9.00

Bamboo, Japanese.

8 ft	\$3.50	28.00
10 ft	4.00	32.00

Galvanized Wire, Anchored.

	100	1000
2 ft	\$1.50	\$14.00
2½ ft	2.00	18.00
3 ft	2.25	21.00
3½ ft	2.50	24.00
4 ft	2.75	26.50
4½ ft	3.25	30.00
5 ft	3.50	33.00
6 ft	4.50	42.00

STICKS, Match. 18 in. long. 1000 \$2.50.



Wiss' Solid Steel. 9-in. \$3.00
10-in. 3.50
California. A good, low-priced article.
Black malleable handles. 9-in.65
W. & D.'s Special. Made of best steel.
Has ratchet nut for tightening. 1.50



RAFFIA. Natural color.
Per lb. 50 cts., 10 lbs. \$4.50.
Dyed, per lb. \$1.25.

HEDGE SHEARS.

Used for both trimming hedges and cutting grass; American manufacture.



8-in. blades, \$1.50; with notch. \$1.75
P.P. 4 lbs.
9-in. blades, \$2.00; with notch. 2.25
P.P. 4 lbs.
10-in. blades, \$2.50; with notch. 2.75
P.P. 5 lbs.



"TROWEL SHANK" GRASS SHEARS

Solid steel, of finest quality and temper; 7-inch blades. The raised trowel-like handles keep the knuckles off the ground and allow smoother cutting.
\$1.25, (add extra for parcel post; weight 2 lbs.).

AUTO COMPRESSED-AIR SPRAYER, NO. 1

This is without doubt the standard of all compressed-air sprayers; consists of a four-gallon reservoir made of heavy material, either brass or galvanized steel as ordered. It is operated by working an air-pump, with which air is compressed on top of the solution. A few strokes of the plunger will compress enough air to operate the machine several minutes and three pumpings will discharge all the contents.

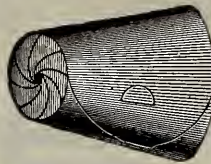


BRASS TANK, with stop-cock nozzle. Each \$9.50
BRASS TANK, with Auto-Pop nozzle. 10.00
GALVANIZED STEEL TANK, with stop-cock nozzle. 6.25
GALVANIZED STEEL TANK, with Auto-Pop nozzle. 6.75
AUTO-POP NOZZLE, supplied separately with Hose and Fittings. 2.25
BRASS EXTENSION RODS, in 2-foot lengths.60
ELBOW.35
STRAINER. 1.25

NEPONSET WATERPROOF PAPER

FLOWER POTS.

Unbreakable, light, economical. They last at least one season and their cost is trifling; they nest closely for shipping.



Prices

in.	Doz.	P.P.	100.	P.P.	1000
2½	12c., 3 oz.		60c., 2 lbs.		\$5.50
3	14c., 5 oz.		80c., 2 lbs.		7.25
3½	16c., 7 oz.		\$1.00, 3 lbs.		9.00
4	24c., 8 oz.		1.35, 4 lbs.		11.00
5	34c., 15 oz.		2.00, 7 lbs.		18.00
6	45c., 25 oz.		3.00, 11 lbs.		26.00

SAWS, Pruning.

Single edge Double-edge.
16-in. \$0.80 16-in. \$0.85
18-in.90 18-in.95
20-in. 1.00 20-in. 1.10
P.P. 2 lbs.



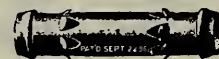
HOSE-CONNECTION, GOOSE-NECK. For attaching hose to ground tap, to prevent hose from kinking.
¾-in. size, each, 90 cts.; P.P. 1 lb.



HOSE COUPLINGS, Perfect Clinching.
Per set, ¾-in., 35 cts.; P.P. 4 oz.

HOSE MENDERS

Cooper's. Brass, no fastening required.
½-in., each 15 cts., doz. \$1.50, P.P. 1 lb.
¾-in., each, 15 cts., doz. \$1.50.



HOSE MENDERS. Perfect Clinching. ½-in., each 15 cts., doz. \$1.50; ¾-in. each 15 cts., doz. \$1.50; P.P. 1 lb.



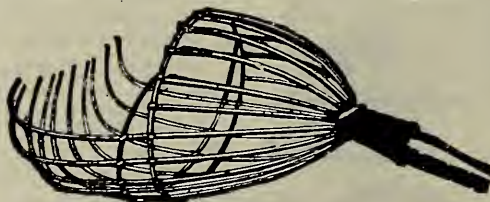
HOSE MENDERS, Hudson's. ¾-in. Box of ½ doz. tubes, 20 bands and pliers. Per box, 75 cts. Extra tubes 10 cts. each, P.P. 2 lbs.

HOSE WASHERS. ¾-in., doz. 10 cts.; \$1.00 per gross.

FIBER SAUCERS.



	Each	Doz.		Each	Doz.
5-in.	\$0.23	\$2.30	10-in.	\$0.32	\$3.20
6-in. ....	.24	2.40	12-in. ....	.38	3.80
7-in. ....	.26	2.60	14-in. ....	.48	4.80
8-in. ....	.27	2.70	16-in. ....	.87	8.70
9-in. ....	.30	3.00	18-in.	1.05	10.50



PERFECT FRUIT PICKER

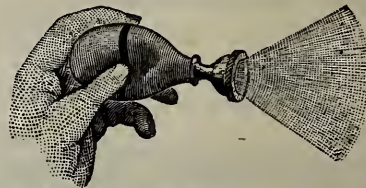
Galvanized steel wire; attaches to pole of any length.
Price without pole 65 cts. each; P.P. 2 lbs



DANDELION AND PLANTAIN SPUD

A handy tool for cutting Dandelions, plantain and other weeds out of the lawn. Also useful when out botanizing. Price 40 cts.
Add Extra for P.P.; weight ¾ lb.

RUBBER SPRINKLERS



Scollay's Plant Sprinklers.

Each Straight Neck. \$1.25
Angle Neck. 1.25
For sprinkling cut flowers, seedlings, clothes, etc. A pressure on the bulb ejects the water in a fine spray.

W. & D.'s Plant Sprinkler

Prices, Straight Neck, 7 oz. size, 80 cts., 10 oz. size 90 cts.
Angle Neck, 7 oz. size, 85 cts., 10 oz. size 95 cts.; Rubber Putty Bulb, for applying soft putty and white lead in glazing. \$1.25.
P.P. weight of all above sprinklers 1 lb.

MOLE TRAPS. Olmstead's

Improved. Easy to set; can be used successfully in hotbeds.
Each \$2.00.
P.P. 4 lbs.



MOLE TRAPS, The Reddick.

(See cut.)
Each \$1.00. P.P. 6 lbs.

ASBESTOS TORCH

Attach the torch to the end of a pole of suitable length; saturate with kerosene oil, light and hold under the caterpillar's nests and pass quickly along the branches and around the trunk of the tree where the insects lodge. The heat instantly destroys the insects and will in no way injure the tree.

Price 65 cts.; P.P. 1 lb.



PERMANENT LABEL HOLDER

To Stick in Ground

It is made with an 18-inch prong to thrust in the ground, carrying an inclined frame, holding name card and mica protector. It is just the thing for labeling shrubs, herbaceous plants, etc. Price 30 cts. each; \$3.00 per doz.; P.P. 4 lbs.

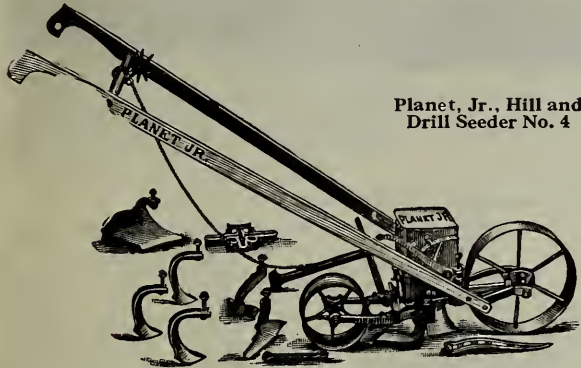


JUMBO INSECT POWDER GUN

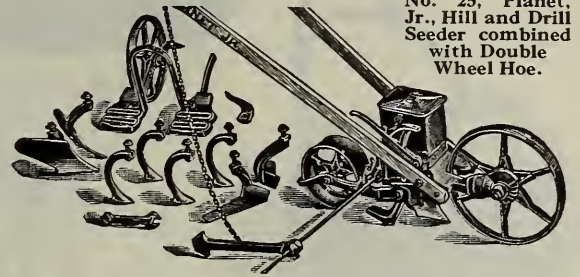
For applying insect powders on plants in the house or small gardens; it will hold about 4 oz. of powder, which is ejected and distributed by a pressure of the thumb.
Price 60 cts. each, P.P. 1 lb.

THE "PLANET JR." HAND-POWER HILL AND DRILL SEEDERS

A good seeder is one of the most important of garden and farm implements; with it the seeding may be done in one-fourth of the time required by hand, and be done far better, producing a more even crop and with a great saving of seed; with the "hill droppers" there is also a great additional saving of labor in thinning, and the seed being sown in an even, narrow line enables wheel hoe cultivation and hoeing to be done closer to the plants, thus reducing hand labor to a minimum. Leading market gardeners appreciate the saving and benefit derived from this Seeder, which is bound to become generally used by all in a short time.



Planet, Jr., Hill and Drill Seeder No. 4



No. 25, Planet, Jr., Hill and Drill Seeder combined with Double Wheel Hoe.

No. 5 Hill and Drill Seeder. A special large size for market gardeners and farmers, sugar beet growers, etc.	Capacity 5 qts.	Price \$19.00
No. 3 Hill and Drill Seeder. The popular size for market gardens and large private and hotel gardens...	3 qts.	16.00
No. 4 Hill and Drill Seeder. The favorite size for family gardens and small market gardens.....	2½ qts.	13.50

No. 4 Combined Seeder, with a Single Wheel Hoe Outfit. Seeder removes for hoeing, etc.....	Capacity 2½ qts.	Price \$17.00
No. 25 Combined Seeder, with a Double Wheel Hoe Outfit, (as illustrated). The seeder removes for hoeing, etc.....	2½ qts.	20.00
No. 6 Hill and Drill Seeder, as a seeder only.....		19.00
No. 28 Seeder Combined with a Single Wheel Hoe Outfit.....	3 qts.	23.00
No. 31 Combined Seeder with Single Wheel Hoe....		11.50
No. 32 Seeder only.....		9.25

THE NEW "PLANET, JR." WHEEL HOES AND CULTIVATORS

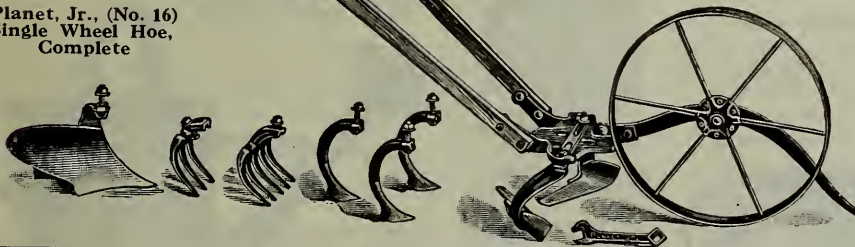
FOR HAND POWER

Wheel hoes with their attachments for cultivating, hilling, furrowing, covering, etc., are among the great labor-savers of the age. They not only make the care of all rowed crops a pleasure, but enable a man to care for five times the area that can be done by "the man with the (other) hoe." They are built substantially for all-day work by an able-bodied man, yet they are adapted to the strength of a boy or woman.

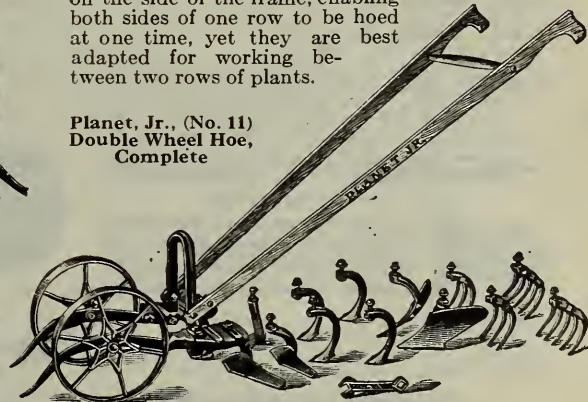
The Double Wheel Hoes, while they work equally well between two rows of plants, are especially adapted for straddling one row, working close up to both sides of the plants, until they are twenty inches high.

The Single Wheel Hoes, are rather lighter than the double, and while the wheel can be set on the side of the frame, enabling both sides of one row to be hoed at one time, yet they are best adapted for working between two rows of plants.

Planet, Jr., (No. 16) Single Wheel Hoe, Complete



Planet, Jr., (No. 11) Double Wheel Hoe, Complete



	Hoes		Plows		Rakes		Leaf Litters	Price
	6 in.	4½ in.	Small	Large	5 Tooth	3 Tooth		
No. 11, Double Wheel Hoe, equipped as illus.	2	2	4	2	0	2	2	\$14.00
No. 12, Double Wheel Hoe, equipment.....	2	0	4	2	0	0	2	11.00
No. 13, Double Wheel Hoe, equipment.....	2	0	0	0	0	0	0	7.75
No. 16, Single Wheel Hoe, equipped as illus.	2	0	3	0	1	1	1	9.00
No. 17, Single Wheel Hoe, equipment.....	2	0	3	0	1	0	0	7.50
No. 17½ Single Wheel Hoe, equipment.....	2	0	3	0	0	0	1	6.60
No. 18, Single Wheel Hoe, equipment.....	2	0	0	0	0	0	0	5.50
No. 65, Planet, Jr., Slide Hoe, 18 in. Sweep, 1-9 in. Scuffle Hoe.....								5.00
Extra equipment may be added at any time at price mentioned, per article.....	65c	60c	40c	75c.	\$1.50	65c.	50c.	25c

Hoes, Scuffle or Dutch. English	
5-in.	\$1.25
6-in.	1.35
7-in.	1.50
8-in.	1.60
9-in.	1.70
10-in.	1.80
12-in.	1.90

Handles, 35 cts. extra.

Hoes, Warren. Handled.	
Unequalled for hoeing, making drills, etc.	
Small.....	\$1.10
Medium.....	1.20
Large.....	1.30



Forks, Manure. Best cast steel.
4-prong, short handle... \$1.75
5-prong, short handle... 2.00



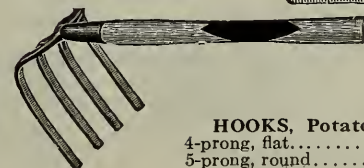
HOE RAKE, Combined. Useful for weeding and cultivating.
4-teeth \$1.00
6-teeth 1.10



FORKS, Spading or Digging. Best make; short handle. Each
4-prong, short handle... \$1.75
4-prong, short handle, boys'... 1.25
5-prong, short handle... 2.00
Forks, Hay. Long handle.
2-prong 1.10
3-prong 1.25

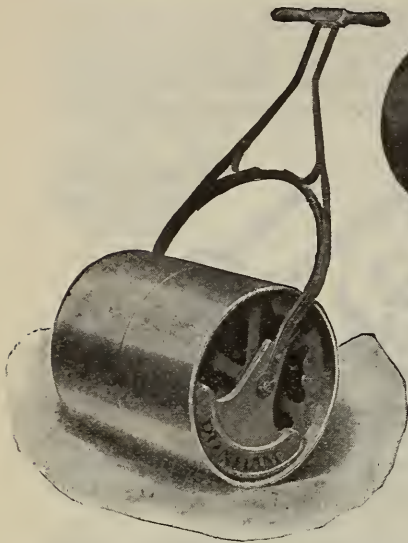


HOES, Draw. With Handles. Cast-steel, polished.
5-in. \$0.65
6-in.80
7-in.90
8-in. 1.00
Ladies' Hoe65
Toy Hoe for small Children15



HOOKS, Potato.
4-prong, flat..... \$1.00
5-prong, round..... 1.20

WEEBER & DON



HOSE, Rubber, W. & D.'s "Matchless." This is the highest grade of Hose on the market, the finest quality of rubber being used in its manufacture. We guarantee it to stand 200 lbs. water pressure; does not kink, and will last for years. $\frac{3}{4}$ -in., 22 cts. per ft.; $\frac{1}{2}$ -in., 20 cts. per ft. Including couplings. Furnished in any length.

Hose, Good-Quality. $\frac{3}{4}$ -in., 17 cts. per ft.

WATER-BALLAST ROLLER FOR LAWNS, GOLF-GROUNDS, ETC.

Any weight can be obtained by adding water or sand as required, and can be filled without turning on end. Made of best material; practically noiseless and very durable.

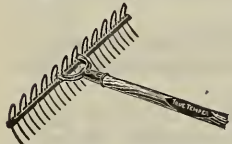
No.	Diam.	Length	In.	In.	Section	Weight Empty	Filled With Water	Price
WB 3	14	20	1			65 lbs.	200 lbs...	\$13.25
WB 5	18	24	1			80 lbs.	310 lbs...	15.50
WB 7	24	24	1			115 lbs.	500 lbs...	20.50
WB 9	24	32	1			130 lbs.	650 lbs...	23.00
WB 11	18	24	2			100 lbs.	330 lbs...	23.50

HW. Roller: the WB Rollers do not have handle weights



RAKES, Steel.

8 teeth.....	\$0.75	14 teeth.....	\$0.90
10 teeth.....	.80	16 teeth.....	.95
12 teeth.....	.85	18 teeth.....	1.00



Rakes, Reversible, Galvanized.

24 teeth, closely set in a 21-in. head. The arched teeth for leaves, Each 75c.

Rakes, Wooden, Lawn. 24 teeth, steel bows. Each 75 cts., doz. \$8.50.
Rakes, Wooden, Hay. 12 teeth, steel bows. Each 70 cts., doz. \$8.00.

HOTBED AND MUSHROOM BED THERMOMETERS. Brass tipped point encloses the temperature bulb; it is simply thrust into the soil or bed. Best grade, \$2.50, P.P. 2 lbs.



SEIXE'S THERMOMETER

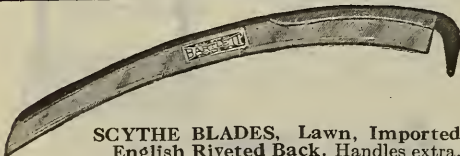
Registers both heat and cold. Price includes magnet for drawing registering needles back.
Tin case, 8 in., \$4.50; 10 in., \$5.00, P.P. 3 lbs.
Copper Case. 8 in., \$5.00; 10 in. \$5.75.



W. & D.'s Copper Case Thermometer. 10 in., each \$1.25, P.P. 2 lbs.

W. & D.'s MISSION WOOD, METAL SCALE. 8 in. 75c., 10 in. \$1.25.

JAPANNED TIN CASE THERMOMETERS 8 in., 60c.; 10 in. 70c.; 12 in. 80c., P.P. 1 lb.



SCYTHE BLADES, Lawn, Imported English Riveted Back. Handles extra.

30-in.....	\$3.00	36-in.....	\$3.75
32-in.....	3.25	38-in.....	4.00
34-in.....	3.50	40-in.....	4.50

Scythe Blades, Lawn, American. Handles extra. 1.75
Scythe Blades, Brush. Handles extra. 1.50
Scythe Snaths or Handles. 1.50

Scythe Stones (True Talacre).



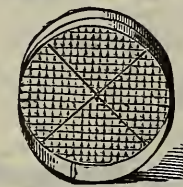
Round..... \$0.35 **Flat.....** \$0.15

SHOVELS. Ames' best quality steel. Square and round pointed. Long and short handles. Each \$2.25.

Shovels, Tissot. Short or long handle, square or round point. Each \$1.50.



SIEVES, Wire. For sifting loam, gravel, etc. From 16 to 20 in. in diameter. Each \$1.75.



SILKALINE, Green. Largely used for tying in bouquet work. Spool.....\$0.30
Box of eight spools..... 2.00
P.P. 2 lbs.



SPADES. Ames' Best Quality Steel. Long and short handles. Each \$2.25.

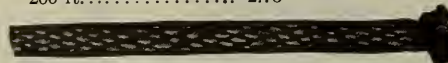
Spades, Tissot. Square point. Each \$1.50.

GARDEN REELS (Imported—English.)

Small..... \$2.00
Large..... 3.00
American..... 1.00



GARDEN LINES. Best quality.
75 ft.....\$1.25
100 ft..... 1.50
200 ft..... 2.75



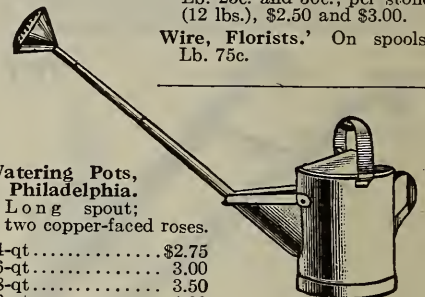
HOTBED AND COLDFRAME MATS

To protect plants from frost in Winter and Spring. These are made of strong cotton cloth, warmly lined with waste wool and cotton, which is quilted to hold in position. A trial for two Winters proved they do not harbor mice or other vermin.

MATS, Hotbed, Cloth, Frost-Proof. Size 76x76 in. sq., made of strong cotton cloth, filled with wool. Each \$3.00, doz. \$33.00.

WIRE, Florists' Stemming. In 9-in. and 12-in. lengths Lb. 25c. and 30c.; per stone (12 lbs.), \$2.50 and \$3.00.

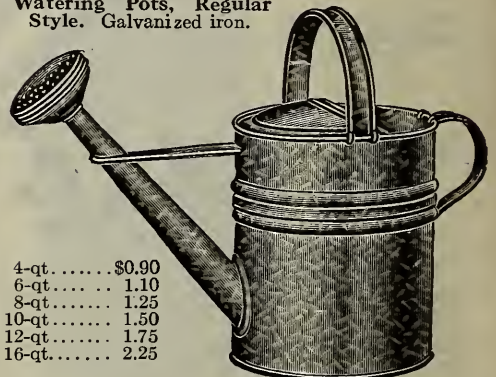
Wire, Florists' On spools. Lb. 75c.



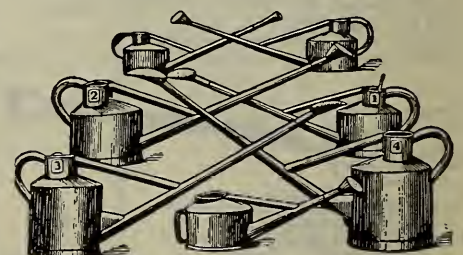
Watering Pots, Philadelphia.

Long spout; two copper-faced roses.
4-qt.....\$2.75
6-qt..... 3.00
8-qt..... 3.50
10-qt..... 4.00
12-qt..... 4.50

Watering Pots, Regular Style. Galvanized iron.



4-qt.....\$0.90
6-qt..... 1.10
8-qt..... 1.25
10-qt..... 1.50
12-qt..... 1.75
16-qt..... 2.25



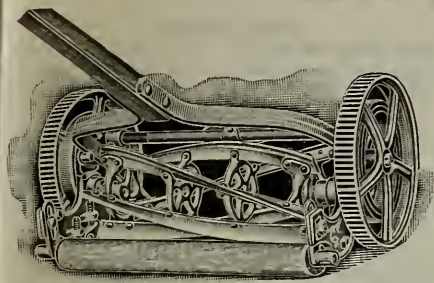
WATERING POTS, Hawes' Pattern. Valuable for watering fine seeds, as well as for all greenhouse and garden work.

3-qt.....\$3.00 6-qt.....\$4.00
4-qt..... 3.50 8-qt..... 4.50
10-qt.....\$5.00

Watering Pots, French. Oval. Long spout, 2 roses, brass bow handle.

6-qt.....\$3.25 10-qt.....\$4.00
8-qt..... 3.50 12-qt..... 4.50

W. & D.'s SPECIAL BALL-BEARING MOWER



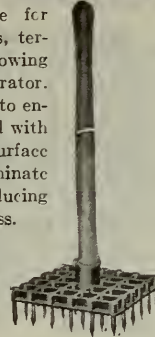
An excellent Mower for all ordinary work at a medium price, and so constructed that it cannot be easily disarranged. The drive wheels are 10 in. in diameter and it has five steel blades highly tempered. The simplicity of its design, its light and graceful, yet rigid frame, make it a very attractive Mower.

14-in.....	\$9.00	18-in.....	\$10.00
16-in.....	9.50	20-in.....	10.50

SOD PERFORATOR

The best low-priced device for renovating bad spots in lawns, terraces, greens, etc. Before sowing grass seed, use the Sod Perforator. The operation permits the seed to enter the soil, where it is covered with fertilizer or by sprinkling the surface with soil. The seed will germinate and come up uniformly, producing a vigorous growth of rich grass.

Measurements: Size, $8\frac{1}{2} \times 8\frac{1}{2}$ in.; prongs, $1\frac{1}{4}$ in. long; handle, 5 ft. long. Price, each \$3.50.



Sod Perforator

TWINE, Green. For Smilax. Ball 15c., doz. \$1.25.
Twine, White. Cotton. Ball 15c., doz. \$1.25.
Twine, Marline (Tarrad Twine). Lb. \$1.00.
Twine, Hemp. All sizes. Lb. 65c. to 75c.
Twine, Jute. Three and four-ply, for trees. Lb. 40c.

SOD TAMPER

This Sod Tamper is in demand for the laying of sod. It is used on putting greens and terraces; also in the Spring for compacting the sod after the frost has disappeared. The Tamper is square, and it has a wooden handle of right size which is firmly secured to the Tamper.

No. 1 size, 8x8 in.; weight, 17 lbs. Price, each \$1.50; No. 2 size, 10x10 in., weight, 20 lbs. Price, each \$1.75.

HOSE REEL, All Iron.

The All Iron Hose Reels are constructed entirely of iron and are indestructible; light in weight, frictionless, and the wheels being high make it easily manipulated. These reels cannot tip over when unreeing, and there is no weight of hose to carry on the handle.

No. 10, 21-in. holds 100 ft. $\frac{3}{4}$ -in. hose.....\$4.00
 No. 20, 24-in. holds 150 ft. $\frac{3}{4}$ -in. hose..... 4.50
 No. 30, 30-in. holds 500 ft. $\frac{3}{4}$ -in. hose..... 8.00

W. & D.'s HIGH-GRADE FERTILIZERS

THE KIRKE SYSTEM of applying Fertilizer and Insecticides applies the fertilizer while watering, and feeds the grass or garden with high-grade, immediately available concentrated plant-food. It is a neat device easily attached to any garden hose. It will last a lifetime, and can be used both for Kirke Fertilizer and Insecticide cartridges. The cartridges of Concentrated Fertilizer for the lawn and garden, and the Nicotine cartridges for the destruction of soft-bodied insects, dissolve in as much water as will pass through the ordinary garden hose in about five hours.

Kirke Feeder, for Fertilizer and Insecticide Cartridges, nickel-plated, complete, \$3.00 each. Mail weight, 1 lb.
Kirke Fertilizer Cartridges, in dozen and half dozen boxes. 35c. each, \$2.00 for $\frac{1}{2}$ doz., \$3.60 per doz. Mail weight, $\frac{1}{2}$ doz., 3 lbs.; doz., 6 lbs.
Kirke "Tobacco" Insecticide Cartridges, in dozen and half-dozen boxes. 38c. each, \$2.15 for $\frac{1}{2}$ doz., \$4.00 per doz. Mail weight, $\frac{1}{2}$ doz., 3 lbs.; doz., 6 lbs.

Kirke Arsenate of Lead Insecticide Cartridges, in dozen and half-dozen boxes. 48c. each, \$2.65 for $\frac{1}{2}$ doz., \$4.80 per doz. Mail weight, $\frac{1}{2}$ doz., $3\frac{3}{4}$ lbs.; doz., $7\frac{1}{2}$ lbs.

Kirke Bordeaux Cartridges, in dozen and half-dozen boxes. 35c. each, \$2.00 for $\frac{1}{2}$ doz., \$3.60 per doz. Mail weight, $\frac{1}{2}$ doz., $2\frac{1}{2}$ lbs.; doz., 5 lbs.

W. & D.'s LAWN AND GARDEN FERTILIZER. Specially prepared for lawns and all garden and farm crops. For lawns it is excellent, being not only a stimulant, but has lasting and enriching properties. When forming a new lawn, use from 800 to 1000 lbs. to the acre, and for renovating old lawns use 400 to 600 lbs. to the acre as a top-dressing. 5 lbs. 35 cts., P.P. 6 lbs.; 10 lbs. 60 cts., P.P. 11 lbs.; 25 lbs. \$1.25, 50 lbs. \$2.00, 100 lbs. \$3.50, 200 lbs. \$6.00, ton \$55.00.

ASHES, CANADA WOOD, UNLEACHED. For lawns, gardens and fruit, Hardwood Ashes are unequalled; they supply natural plant food, permanently enriching the soil. Apply 3000 lbs. to the acre. 100-lb. bag, \$2.50, 200 lbs. \$4.50, ton (2000 lbs.) \$43.00.

BLOOD AND BONE (Tankage). Invaluable for garden and field crops, grape-vines, etc. 100 lbs. \$7.00, 200 lbs. \$13.00, ton \$125.00.

BONE MEAL. Very pure, finely pulverized bone, especially prepared for rose-culture, top-dressing for lawns, and for potted plants. Lb. 10 cts., P.P. 2 lbs.; 5 lbs. 30 cts.; P.P. 6 lbs., 10 lbs. 50 cts., P.P. 11 lbs.; 100 lbs. \$4.50, 200 lb. bag \$8.00, ton \$75.00.

BONE, GROUND. A little coarser than the above; suitable for general purposes. 100 lbs. \$4.50, 200 lbs. \$8.00, ton \$75.00.

BOWKER'S FOOD FOR FLOWERS. An excellent fertilizer for house plants. Easily applied by dissolving in water. Clean to handle, without odor, produces rich green growth and profusion of flowers. Small package, 20 cts., P.P. 1 lb.; large package, 30 cts., P.P. 2 lbs.

BON ARBOR (Dry Form). An excellent food for all plants; it invigorates, promotes growth, increases the crop and causes it to mature earlier. $\frac{1}{2}$ lb. 35 cts., P.P. 1 lb.; lb. 60 cts., P.P. 2 lbs.; 5-lb. can, making 30 gals., \$2.50; 50 lbs. at 40 cts. per lb.

DRIED BLOOD. Excellent for Carnations. 100 lbs. \$10.00.

CHARCOAL. Lump, or small; for potting. 100 lbs. \$6.00.

LIME, AGRICULTURAL. Valuable for sweetening sour lands, and improves the physical nature of the soil; also renders clay lands more friable. Indispensable for starting alfalfa crops. It is specially prepared for use on the soil and is a combination of calcium-hydrate and calcium-carbonate, finely pulverized. For heavy soils use 2000 to 5000 lbs. to the acre; light, sandy soils, 1000 to 3000 lbs. to the acre. In bags, ready for use. 100 lbs. \$1.00, ton \$16.00.

MAPES' FERTILIZERS.

Potato Manure. (War Brand.) Bag (200 lbs.) \$9.00, ton \$80.00.

Corn Manure. (War Brand.) 200 lbs. \$8.00, ton \$70.00.

General Crop. (War Brand.) 200 lbs. \$6.50, ton \$55.00.

MOSS. Live Green Sphagnum. Used for potting orchids and other stove plants. Bag, \$4.00.

Sphagnum. (Dry.) Very useful for mixing in soil for potting. Bale containing about 5 bbls. \$4.00.

Sheet, Natural Green. Bag, about 2 bus. \$6.50.

NITRATE OF SODA. It is valuable for Grain, Corn, Beets, Potatoes, Grasses, Peas, Beans, Clover, etc. Being extremely soluble, it should not be applied until the plants are above ground, using 100 to 500 lbs. to the acre. 1 lb. 15 cts., P.P. 2 lbs.; 5 lbs. 60 cts., P.P. 7 lbs.; 10 lbs. \$1.10, P.P. 12 lbs.; 25 lbs. \$2.50, 50 lbs. \$4.50, 100 lbs. \$8.00.

PEAT, JERSEY. Of great value for hothouse and greenhouse plants, and especially for orchids. Bag \$2.50.

PEAT, FIBROUS. For orchids. Bbl. \$3.50.

SALT, AGRICULTURAL. Used for top-dressing asparagus beds, etc. Bags of 200 lbs., \$2.50.

SOOT, IMPORTED SCOTCH. An excellent fertilizer for stimulating growth and giving a rich, dark foliage; also an excellent remedy against slugs, grubs and cut-worms when mixed in the surface of the soil. 112 lbs. \$5.00.

SHEEP MANURE, PULVERIZED. Use about one ton to the acre, and apply in the Fall or early Spring. Excellent as a top-dressing for lawns. Its effect is immediate and lasting. Also valuable for mixing with soil for greenhouse plants, one part of manure to six parts of soil. When used as a liquid manure, use 1 lb. to five gallons of water. 1 lb. 15 cts., P.P. 2 lbs.; 5 lbs. 40 cts., P.P. 6 lbs.; 10 lbs. 75 cts., P.P. 11 lbs.; 100 lbs. \$2.75, ton \$50.00.

THOMPSON'S VINE MANURE. Valuable for vines, Tomatoes, Cucumbers and fruit trees growing under glass, etc.; also for vegetables and outdoor plants of every description. 56-lb. bag \$4.50, 112-lb. bag \$8.00.

THOMPSON'S SPECIAL CHRYSANTHEMUM MANURE. This Special Manure is meant to be used as an additional stimulant during the growing season. 56-lb. bag \$8.00.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

INSECTICIDES, FUNGICIDES, ETC.

FOR ANTS

ANT EXTERMINATOR. A powder that is used for distributing around buildings, on the greenhouse benches, on lawns, gardens, and any other places infested by ants. $\frac{1}{4}$ lb. 20c., P. P. 1 lb.; $\frac{1}{2}$ lb. 30c., P. P. 1 lb.; lb. 50c., P. P. 2 lbs. **ANTICIDE.** For use against ants in lawns, etc. One pound covers about 200 sq. ft. 1-lb. box, 30c. P. P. 2 lbs.; 5 lbs. \$1.25, P. P. 6 lbs.; 25 lbs. \$5.50.

FOR BORERS

BOROWAX. A complete protection against borers, if properly applied to Peach, Plum, Apple, Pear and Quince trees. Qt. 50c., $\frac{1}{2}$ gal. 75c., gal. \$1.25, 6 gals. \$6.50.

FOR CRAWLING INSECTS

MAGIC STICKY TREE CORD. For banding trees, etc. Is to prevent caterpillars, gypsy and brown tail moths and other injurious insects crawling up trees, etc. Contains about 30 ft. of sticky cord sufficient to band ten trees 1 ft. in diameter. Price 30c. each, P. P. 2 lbs.

TREE-TANGLEFOOT. A perfect safeguard for trees and shrubs against gypsy and brown-tail moths and other creeping insects. Lb. 50c., P. P. 2 lbs.; 3 lbs. \$1.45, P. P. 4 lbs.; 10 lbs. \$4.50, P. P. 12 lbs.; 20 lbs. \$8.75; 25 lbs. \$10.50.

FOR CUT WORM

CUT-WORM KILLER. A preparation for the destruction of cut worms. It is alluring and palatable, and cut worms prefer it to the plants. Chickens and birds will not be poisoned if they eat the worms killed by it. One pound is sufficient for 175 plants in hills, and 100 ft. when in rows. 1-lb. box, 30c., P. P. 2 lbs.; 5-lb. tin, \$1.25, P. P. 6 lbs.; 25 lbs. \$5.00.

FOR DISEASES

BORDEAUX MIXTURE, Liquid. For all fungoid diseases, such as mildew and various rots of Grapes, etc. Pt. 30c., qt. 50c., gal. \$1.25, 5 gals. \$5.00.

BORDEAUX MIXTURE, Dry Form. For dusting plants affected with mildew, and all fungus diseases. Can also be used as a spray. 1-lb. box (makes 5 gals. spray), 45c., P. P. 2 lbs.; 5 lbs. \$2.00, P. P. 6 lbs.; 25 lbs. and over, at 32c. per lb.

COPPER SOLUTION. A remedy for Grape anthrax and mildew, Pear and Apple scab, Carnation and Violet rust. Qt. tin, \$1.00, gal. \$2.75.

FUNGINE. An infallible fungicide for destroying mildew, rust, bench rot, etc. $\frac{1}{2}$ pt. 40c., pt. 65c., qt. \$1.00, gal. \$3.50.

GRAPE DUST, HAMMOND'S. A powder especially prepared to kill rot and mildew on Grapes, etc. Convenient to apply and very effective. 5 lb. pkg. 75c., P. P. 6 lbs.; 10 lbs. \$1.50, P. P. 11 lbs.; 100 lbs. \$14.00.

SULPHUR, POWDERED. A preventive and cure for mildew on Grape vines, Rose bushes, etc., in or outdoors. Lb. 10c., P. P. 2 lbs.; 5 lbs. 45c., P. P. 6 lbs.; 10 lbs. 85c., P. P. 11 lbs.; 100 lbs. \$8.25.

SULPHOCIDE. A Summer spray against fungus diseases, one of the best preparations of its kind. Pt. 50c., qt. 75c., gal. \$2.25.

FORMALDEHYDE. It is of pronounced efficiency in destroying disease germs affecting both animal and plant life and is successfully employed as a preventive of such fungoid diseases as Potato scab, grain smuts, musty Corn, and other affected seeds. The dilution for most purposes is 1 lb. (1 pint) to 30 to 50 gallons of water, and 1 to 2 gallons of this dilution is required for the treatment of a bushel of seed. Price 1-lb. bottle, 50c., 5-lb. bottle at 45c. lb., 10-lb. bottle at 38c. lb.

FOR FUMIGATING

APHIS PUNK. An excellent fumigant for ridding greenhouses of green and other aphids. Box of one dozen rolls, 60c., P. P. 2 lbs.; case of 12 boxes, \$7.00.

NICO-FUME TOBACCO-PAPER INSECTICIDE. Nico-Fume is worthy of the attention of all growers. It is packed in special friction-top tin cans, thus preventing loss of nicotine by evaporation. Can (24 sheets) 85c., gross can (144 sheets) \$4.00, 2-gross can \$7.50.

NICO-FUME LIQUID. For spraying or fumigating. Effective against green fly, mealy bug, etc. Does not stain or injure blooms, and leaves no disagreeable odor. For spraying one to two, teaspoonfuls to a gallon of water. Four ounces ($\frac{1}{4}$ pt.) vaporized in house 100x20 will produce a strong fumigation. $\frac{1}{4}$ -lb. can 50c., 1-lb. can \$1.50, 4-lb. can \$5.50, 8-lb. can \$10.50.

FOR FUMIGATING—Continued

NICOTICIDE. Fumigating compound. A certain destroyer of all greenhouse bugs. Directions on package. 1 pt. (sufficient for 32,000 cubic feet) \$2.75, qt. \$5.00, $\frac{1}{2}$ gal. \$9.50, gal. \$18.00. Fumigators for above \$1.00 each.

TOBACCO POWDER. For fumigating. 50 lbs. \$3.25, 100 lbs. \$6.00.

TOBACCO STEMS. For fumigating plants and destroying insects in hothouses, etc. In bales of 100 lbs. \$2.00.

X-L-ALL VAPORIZING COMPOUND. The most effective method of fumigating greenhouses. Bottle No. 3, sufficient for 10,000 cu. ft., \$3.50 bottle No. 2, sufficient for 20,000 cu. ft., \$6.00. 1 qt., sufficient for 80,000 cu. ft., \$18.00. Fumigators for above, small \$2.00 each; large, \$2.25 each.

FOR SCALE INSECTS

FISH-OIL SOAP (Whale-Oil Soap). Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Lb. 25c., P. P. 2 lbs.; 5 lbs. \$1.00, P. P. 6 lbs.; 25 lbs. and over at 18c. per lb.

LIME-SULPHUR SOLUTION. Extensively used for all scale insects on trees and shrubs. For spraying in the dormant period, dilute 1 gal. with 10 gals. of water; during the growing period, dilute with 40 to 50 parts of water. Qt. 40c., gal. \$1.00, 5 gals. \$4.25, bbl. of 50 gals. at 30c. per gal.

SCALE KILLER (SOLUBLE OIL). Most effective for leaf roller. Dormant spray for San José scale. Spray for tree infested scale and most soft-bodied sucking insects. No disagreeable odor, no clogging of nozzle or burning of the eyes like Lime Sulphur. Mixes easily, has no sediment. May be used in Spring or Fall. Dilutes 1 gal. to 20 gals. water. Qt. 50c., gal. \$1.00, 5 gals. \$4.25, 10 gals. \$8.00.

SCALECIDE. One gallon mixed with cold water makes 20 gallons for use. The best preparation for the destruction of San José scale. Qt. 60c., gal. \$1.50, 5 gals. \$5.75, 10 gals. \$9.85, 30 gals. \$22.00, 50 gals. \$33.00.

FOR SUCKING INSECTS

APHINE. A powerful insecticide, but does not affect the most tender growths. Mix 1 part of Aphine to 40 parts of water. $\frac{1}{4}$ pt. 25c., $\frac{1}{2}$ pt. 40c., pt. 65c., qt. \$1.00, gal. \$2.50.

BLACK LEAF 40. "Black Leaf 40" is used for plant lice, thrips, leaf hoppers, etc., in orchard or garden spraying. It is also a most excellent dip for animal parasites, such as scab and lice on sheep and cattle, sheep ticks, etc.; complete directions on label. It is a solution of nicotine sulphate, guaranteed under the National Insecticide Act to contain 40 per cent. nicotine, and is highly recommended by experiment stations throughout the United States, as a spray for soft-bodied sucking insects. Oz. 25c., $\frac{1}{2}$ lb. 75c., 2 lbs. \$2.50, 10 lbs. \$10.75.

"IMP" SOAP SPRAY. This spray is particularly effective against red spider, rose bug, white, black and green fly, mealy bug, thrips, aphids and other insects. Mix 1 gallon with 16 gallons of water, or 1 quart with 4 gallons of water and apply with sprayer. Qt. 55c., gal. \$1.80, 5 gals. \$8.00, 10 gals. \$15.50.

KEY BRAND KEROSENE MISCIBLE OIL. Better than Kerosene emulsion, mixes easier, has greater killing power and is especially valuable against all soft bodied insects. Can be used on practically all insects for which nicotine is employed. For woolly aphids on apple and thorn, it is much more effective than nicotine. Contains 80 per cent. kerosene. Dilute 1 part oil to 16 parts water. Tender plants, 1 part to 36 parts water. Pt. 30c., qt. 50c., gal. \$1.25, 5 gals. \$5.00.

LEMON OIL. For destroying mealy bugs, scale, thrips, red spider, etc. Directions on can. $\frac{1}{2}$ pt. 30c., qt. 50c., $\frac{1}{2}$ gal. \$1.50, gal. \$2.50.

NIKOTEEN. A thorough exterminator of mealy bug, thrips, lice and all injurious insects affecting plant life. $\frac{1}{4}$ oz. 40c., $\frac{1}{2}$ lb. 85c., lb. \$1.50.

READANA (Rose Bug Exterminator). Destroys rose bugs, black ants, etc., without injury to plants. Mix 1 part to 3 parts of water, and apply with brush or sprayer. 4 oz. 30c., 8 oz. 50c., 24 oz. \$1.25, 48 oz. \$2.00, $\frac{1}{2}$ gal. \$2.25, gal. \$4.00.

X-L-ALL LIQUID INSECTICIDE (For Spraying) English preparation; purely nicotine; harmless to very delicate plants; kills mealy bug, red spider and all insect pests. $\frac{1}{2}$ gal. \$3.00, gal. \$5.00.

GRAFTING WAX

For Pruning. Excellent when trimming trees and shrubbery. Comes in sticks, easily handled. $\frac{1}{4}$ lb. 15c., P. P. 1 lb.; $\frac{1}{2}$ lb. 20c., P. P. 1 lb.; lb. 30c., P. P. 2 lbs.

TREE PAINT

TREE WOUND PAINT. In pruning trees there is always danger of carrying disease, such as canker, etc., on the saw or other tools used. Tree Wound paint is a powerful disinfectant, and will positively stop all infection—but does not injure the cambium. It is the one ideal material, embodying all the qualities required in tree surgery operations—antiseptic and penetrating, forming a lasting, waterproof coating which does not injure or interfere with the growth or healing of the wound. Qt. 60c., gal. \$1.75.

SUMMER CLOUD

For shading greenhouses, etc. A natural green shading for greenhouses, conservatories, etc. Directions for use on each package. 8-oz. pkg. \$1.00.

TO PREVENT BLEEDING, Etc.

STYPTIC, THOMSON'S. Prevents bleeding of vines, etc. Bottle, \$1.50.

FOR LEAF EATING INSECTS

ARSENATE OF LEAD PASTE. Popular remedy for use against all eating insects that attack foliage and fruit trees. Use two or three lbs. to 50 gallons of water. Lb. 40c., 5 lbs. \$1.75, 12 $\frac{1}{2}$ lbs. \$3.50, 25 lbs. \$6.50, 50 lbs. \$12.50, 100 lbs. \$24.00.

ARSENATE OF LEAD, POWDERED. Better than Paris Green. Does not burn foliage. Has all advantages of arsenate of lead paste, but goes twice as far, and is easier to handle. Dilutes 1 lb. to 50 gallons. $\frac{1}{2}$ lb. 35c., P. P. 1 lb.; lb. 60c., P. P. 2 lbs.; 5 lbs. \$2.75, P. P. 10 lbs.

BORDO-LEAD, PASTE (Insecticide and Fungicide—Two Sprays in One). Arsenate of lead combined with a special Bordeaux Mixture by a new process, producing in one spraying operation the killing of insects and preventing blight, mildew, rust, etc. Splendid for Potatoes and most vegetables, Apples, Pears and Roses. Sticks like paint and remains on foliage. Best crop insurance. Lb. 35c., 5 lbs. \$1.50, 10 lbs. \$2.75, 25 lbs. \$6.00, 50 lbs. \$11.00, 100 lbs. \$21.00.

PYROX, BOWKER'S. Kills all leaf-eating insects and prevents blights and fungus troubles, without injury to fruit or foliage. Sticks like paint and rain won't wash it off. Lb. 45c., 5 lbs. \$1.75, 10 lbs. \$3.00, 25 lbs. \$6.75, 50 lbs. \$12.25, 100 lbs. \$23.00.

FOR SLUGS

BUG DEATH. A non-poisonous powder, extensively used for Cabbage and Tomato worms, Potato and Cucumber bugs, etc. Lb. 20c., P. P. 2 lbs.; 3 lbs. 50c., P. P. 4 lbs.; 5 lbs. 75c., P. P. 6 lbs.; 12 $\frac{1}{2}$ lbs. \$1.50, P. P. 15 lbs.; 100 lbs. \$10.50.

BUG DEATH DUSTER. For applying above. 45c. each.

HELLEBORE POWDER, WHITE. For destroying the Currant worm, Rose slug, etc. $\frac{1}{2}$ lb. 35c., P. P. 1 lb.; lb. 65c., P. P. 2 lbs.

SLUG SHOT, HAMMOND'S. Recommended to destroy Potato bugs, and those on Tomato and Eggplants, Currant worms, Cabbage lice and worms. 1-lb. shaker box 15c., P. P. 2 lbs.; 5 lbs. 60c., P. P. 6 lbs.; 10 lbs. \$1.00, P. P. 11 lbs.; 125 lbs. \$12.25.

WEED KILLER

WEED KILLER, READE'S HERBICIDE. A most effective weed killer in liquid form. Qt. jug (makes 5 gals.) 75c., $\frac{1}{2}$ -gal. jug (makes 10 gals.) 90c.; 1-gal. keg (makes 20 gals.) \$1.75; 5-gal. keg (makes 100 gals.) \$7.00, 10 gals. \$12.50, 25 gals. \$30.00.

W. & D.'S WEED KILLER, LIQUID. Destroys weeds in paths, roads and gutters. Kills roots as well as tops of all weed and grass growth. Easier and less expensive than hoeing or digging by hand. Very effective in walks or cobbled gutters, without injury to road bed. Does not discolor cement or stone. Dilutes 1 part Weed Killer to 40 parts water, and usually prevents growth for season. Apply with sprinkling can or cart. Qt. 60c., gal. \$1.75, 5 gals. \$7.00, 10 gals. \$12.50, 30 gals. \$33.00.

WORM KILLER

VERMINE. A soil sterilizer and germicide for all soil vermin, such as cut, eel, wire and grub worms, slugs, root lice, maggots and ants. One part Vermine to 400 parts of water, thoroughly soaking the ground, does its work effectively without injury to vegetation. $\frac{1}{4}$ pt. 25c., $\frac{1}{2}$ pt. 40c., pt. 65c., qt. \$1.00, gal. \$3.00.

WORM ERADICATOR, READE'S ELECTRIC. The best preparation for destroying worms of all kinds infesting lawns, golf grounds, greenhouses, etc. One gallon, diluted with water, makes 150 gallons for use. 4 oz. 35c., 8 oz. 50c., 24 oz. \$1.25, 48 oz. \$2.00, $\frac{1}{2}$ gal. \$2.25, gal. \$4.00.

INDEX

Vegetable Seeds

Specialties.....	5, 6
Collections.....	2, 3, 47
Angelica.....	43
Anise.....	43
Artichoke.....	7
Asparagus.....	7, 43
Balm.....	43
Basil.....	43
Beans, Bush, Green.....	5, 8, 9
Wax.....	10
Pole, String.....	10
English Broad.....	8
Lima, Bush.....	11
Lima, Pole.....	11

Beet.....	12
Borage.....	43
Borecole.....	25
Broccoli.....	16
Brussels Sprouts.....	7
Cabbage.....	13, 14
Caraway.....	43
Carrot.....	15
Cardoon.....	15
Cauliflower.....	5, 16
Celeriac.....	18
Celery.....	5, 17
Celery Cabbage.....	14
Chervil.....	18
Chicory.....	18, 43
Chives.....	43
Citron.....	27
Colewort.....	20
Collards.....	20
Coriander.....	43
Corn, Pop.....	20
Corn Salad.....	18
Corn, Sweet.....	5, 19, 20
Cress.....	20
Cucumber.....	21
Dandelion.....	22
Dill.....	43
Egg Plant.....	22
Endive.....	22
Endive, French.....	18
Escarole.....	22
Fennel.....	22, 43
Fitchus.....	18
Finocchio.....	22
Garlic.....	22
Georgia Collards.....	20
Gumbo.....	27
Herbs.....	43
Horehound.....	43
Horse Radish.....	43
Hyssop.....	43
Kale.....	25
Knob Celery.....	18
Knol Kohl.....	25
Kohl Rabi.....	25
Lavender.....	43
Leek.....	5, 25
Lettuce.....	5, 23, 24
Marjoram.....	43
Marrow, Vegetable.....	39
Martynia.....	25
Melon, Musk.....	6, 26
Water.....	27
Mint.....	43
Multiplier Onions.....	28
Mushroom Spawn.....	28
Mustard.....	25
Nasturtium.....	24
Okra.....	27
Osion Seed.....	6, 29
Sets.....	28
Oyster Plant.....	37
Parsley.....	6, 28
Parsnip.....	6, 30
Peas.....	6, 31, 32, 33
Pepper.....	30
Peppergrass.....	20
Pickling Cucumber.....	21
Pop Corn.....	20
Potato.....	34
Potato Onions.....	28
Pumpkin.....	35
Radish.....	36, 37
Rhubarb Seed.....	35
Rhubarb Roots.....	43
Romaine.....	24
Roots and Plants.....	43
Rosemary.....	43
Ruta Baga.....	43
Sage.....	43
Salsify.....	37
Savory.....	43
Savoy.....	13
Scorzonera.....	37
Shallots.....	28
Sorrel.....	37
Sea Kale.....	37, 43
Spinach.....	38

Squash.....	39
Sweet Potatoes.....	34
Swiss Chard.....	12
Tarragon.....	43
Thyme.....	43
Tobacco.....	37
Tomato.....	6, 40, 41
Turnip.....	42
Vegetable Marrow.....	39
Wormwood.....	43
Watercress.....	20
Watermelon.....	27
Witloof.....	18, 43
BIRD SEEDS.....	43
LAWN SEED.....	48

Farm and Grass Seeds

Barley.....	53
Beans, Field.....	54
Beet, Sugar.....	54
Buckwheat.....	54
Carrot.....	51
Clover.....	50
Corn, Broom.....	54
Field.....	52
Kaffir.....	54
Golden Nugget Corn.....	52
Grass Mixtures.....	48, 49, 50
Grasses, General List.....	51
Mangel Wurzel.....	54
Millet.....	53
Oats.....	53
Peas, Canada Field.....	54
Cow.....	54
Rape, Essex.....	54
Ruta Baga.....	51
Rye.....	53
Sainfoin.....	54
Sorghum.....	54
Soy Beans.....	54
Sugar Beet.....	54
Sugar Cane.....	54
Sunflower.....	54
Teosinte.....	54
Timothy.....	51
Vetch.....	54
Wheat.....	53

Flower Seeds

Specialties.....	4
Collections.....	104
Abutilon.....	55
Acanthus.....	64
Achillea.....	64
Aconitum.....	64
Aconitum.....	64
Adam's Needle.....	103
Adlumia.....	64
African Daisy.....	64
Ageratum.....	64
Agrostemma.....	64
Alum Root.....	78
Alyssum.....	65
Amaranth, Globe.....	76
Amaranthus.....	65
Anchusa.....	64
Anemone.....	64
Antennaria.....	64
Antirrhinum.....	4, 94
Aquilegia.....	4, 70
Arabis.....	65
Aralia.....	55
Arctotis.....	65
Armeria.....	64
Artemisia.....	65
Asparagus.....	55
Asperula.....	64
Aster.....	4, 59 to 63
Aster, Cornflower.....	95
Aster, Masterpiece.....	4, 60
Astilbe.....	64
Aubretia.....	64
Auricula.....	64
Baby's Breath.....	65
Bachelor's Button.....	70
Balloon Vine.....	65
Balsams.....	66, 79
Balsam Apple.....	81
Baptisia.....	66
Bean, Hyacinth.....	73
Bee Balm.....	66
Begonia.....	55, 66
Bellis.....	74
Black-Eyed Susan.....	100
Blue Bottle.....	70
Boltonia.....	66
Brachycome.....	66
Bridal Wreath.....	56
Browallia.....	55

Burning Bush.....	73
Calceolaria.....	55
Calendula.....	66
California Poppy.....	74
Calliopsis.....	70
Calycanthemum.....	67
Campanula.....	67
Canary Bird Vine.....	85
Candytuft.....	67
Canterbury Bells.....	67
Cardinal Climber.....	67
Cardinal Flower.....	80
Carnation.....	68
Castor-Oil Plant.....	92
Celostia.....	4, 55, 68
Centaurea.....	69, 70
Chrysanthus.....	103
Chrysanthemum.....	55, 69
Cigar Plant.....	70
Cineraria.....	56
Clarkia.....	4, 56, 69
Cleome.....	69
Clerodendron.....	56
Cobaea.....	70
Cockcomb.....	68
Coleus.....	56
Columbine.....	4, 70
Coneflower.....	92
Convolvulus.....	83
Coreopsis.....	70
Cornflower.....	70
Cornflower Aster.....	95
Cosmos.....	4, 71
Cowslip.....	70
Cucumber, Wild.....	103
Cup-and-Saucer Vine.....	70
Cuphea.....	70
Cyclamen.....	4, 56
Cyperus.....	56
Cypress, Summer.....	96
Cypress Vine.....	71
Dahlia.....	71
Daisy, African Golden.....	64
English.....	74
Marguerite (Paris).....	69
Mooney.....	69
Shasta.....	69, 94
Swan River.....	66
Transvaal.....	57
Datura.....	72
Delphinium.....	4, 72, 79
Devil-in-the-Bush.....	83
Dianthus.....	73, 100
Digitalis.....	75
Dictamnus.....	73
Dimorphotheca.....	64
Dolichos.....	73
Dracena.....	56
Dusty Miller.....	56, 69
Echinocystis.....	103
Edelweiss.....	80
Eremurus.....	73
Erinus.....	73
Eschscholtzia.....	74
Eubalia.....	77
Eupatorium.....	73
Euphorbia.....	73
Evening Primrose.....	84
Everlastings.....	78, 103
Ferns.....	56
Feverfew.....	81
Fire Bush, Mexican.....	96
Fir, Summer.....	65
Flax.....	80
Forget-me-not.....	4, 57, 75
Four o'Clock.....	75
Floxglove.....	75
Francea.....	56
Fuchsia.....	56
Gaillardia.....	76
Geranium.....	76
Gerbera.....	57
Geum.....	76
Gilliflower.....	95
Globe Amaranth.....	76
Gloxinia.....	57
Godetia.....	77
Golden Feather.....	92
Gomphrena.....	76
Gourds, Ornamental.....	77
Grasses, Ornamental.....	77
Greenhouse Seeds.....	55
Grevillea Robusta.....	57
Gynarium.....	77
Gypsophila.....	65
Helanium.....	78
Helianthus.....	96
Helichrysum.....	78
Heliotrope.....	78, 101
Heuchera.....	78
Hibiscus.....	78
Hollyhocks.....	78
Honesty.....	80, 94
Hob, Japanese.....	79

Hordeum.....	77
Humulus.....	79
Hunemannia.....	74, 79
Hyacinth Bean.....	73
Iberis.....	67
Ice Plant.....	79
Impatiens.....	79
Incarvillea.....	79
Iponcea.....	67, 71, 83
Ivy, Kenilworth.....	80
Jerusalem Cherry.....	58
Kochia.....	96
Kudzu Vine.....	79
Lady Slipper.....	66
Larkspur.....	4, 72, 79
Lathyrus.....	80, 97
Lavandula.....	80
Lavatera.....	80
Lavender, Sea.....	94
Lavender, Sweet.....	80
Leontopodium.....	80
Leptosyne.....	4, 80
Linaria.....	80
Linum.....	80
Lobelia.....	80
Love-Lies-Bleeding.....	65
Love-in-a-Mist.....	83
Lunaria.....	80, 94
Lupinus.....	4, 81
Lychnis.....	4, 80
Maize, Japanese.....	103
Mallow.....	80
Malope.....	81
Malva.....	81
Marguerite.....	64, 69
Marigold.....	82
Marigold, Cape.....	66
Marshmallow.....	78
Marvel of Peru.....	75
Masterpiece Aster.....	4, 60
Matchless Mignonette.....	4
Matricaria.....	81
Meconopsis.....	81
Mesembryanthemum.....	79
Mignonette.....	4, 57, 82
Mimosa.....	81
Minulus.....	81
Mordecia.....	81
Monarda.....	66
Monkey Flower.....	81
Monkshood.....	62, 64
Moonflower, White.....	83
Moonwort.....	94
Morning Glory.....	83
Mother of Thousands.....	80
Mourning Bride.....	93
Musk Plant.....	81
Myosotis.....	4, 57, 75
Myrsiphyllum.....	58
Nasturtium.....	24, 85
Nemesia.....	84
Nemophila.....	84
Nicotiana.....	84
Nierembergia.....	84
Nigella.....	83
Oenothera.....	84
Ornamental Grasses.....	77
Oswego Tea.....	66
Pampas.....	77
Pansies.....	4, 57, 86
Peas, Sweet.....	58, 80, 97
Pelargonium.....	76
Pennisetum.....	77
Pentstemon.....	87
Periwinkle.....	101
Petunia.....	87
Phlox.....	89
Pinks.....	73
Poinsettia, annual.....	73
Polyanthus.....	91
Poppies.....	4, 90
Poppy, California.....	74
Portulaca.....	91
Primrose, Evening.....	84
Primrose, Hardy.....	91
Primula.....	4, 57, 58, 91
Pyrrethrum.....	92
Ragged Sailor.....	70
Red-Hot-Poker.....	100
Reseda.....	82
Ricinus.....	92
Rocket, Sweet.....	92
Romneya.....	91
Rudbeckia.....	92
Sage, Scarlet.....	93
Salpiglossis.....	92
Salvia.....	93
Satin Flower.....	93
Scabiosa or Scabious.....	93
Schizanthus.....	4, 58, 94
Sea Pink.....	64
Sensitive Plant.....	81
Shasta Daisy.....	94
Silk Oak.....	57

Smilax.....	58
Snapdragon.....	4, 94
Sneezewort.....	78
Snow-on-the-Mountain.....	73
Solanum.....	58
Speedwell.....	100
Spider Flower.....	69
Squirrel Tail Grass.....	77
Statice.....	94
Stevia.....	58
Stipa.....	77
Stock.....	95
Stock, Virginian.....	100
Stokesia.....	95
Straw Flower.....	78
Sultan, Sweet.....	69
Summer Cypress.....	96
Sunflower.....	96
Swan River Daisy.....	66
Sweet Peas.....	4, 58, 97
Sweet Peas, Perennial.....	80
Sweet Sultan.....	69
Sweet William.....	100
Tagetes.....	100
Thrift.....	64
Thunbergia.....	100
Tobacco, Sweet Scented.....	84
Torenia.....	56, 58
Tricholena.....	77
Tritoma.....	100
Tropeolum.....	85
Trumpet Flower.....	72
Umbrella Plant.....	56
Valeriana.....	101
Verbena.....	101
Veronica.....	100
Vinea.....	101
Viola.....	4, 87
Violet.....	100
Virginian Stock.....	100
Wallflower.....	102
Wild Cucumber.....	103
Wild Garden Flower Seeds.....	103
Windflower.....	62, 64
Woodruff.....	64
Woodflower.....	4, 68
Xeranthemum.....	103
Youth-and-Old-Age.....	103
Yucca.....	103
Zea.....	103
Zebra Grass.....	77
Zinnia.....	103

Bulbs, Plants and Trees

Apples.....	114
Begonias.....	110
Blackberries.....	114
Caladium.....	110
Callas.....	110
Cannas.....	109
Cherries.....	114
Chinese Yam.....	110
Chrysanthemums.....	111
Cinnamon Vine.....	110
Currants.....	114
Dahlias.....	108
Elephant's Ear.....	110
Gladioli.....	106
Gloxinias.....	110
Gooseberries.....	114
Grape Vines.....	114
Hyacinthus.....	110
Ismene.....	110
Lilies.....	105
Lily of the Valley.....	110
Lycoris.....	110
Madeira Vine.....	110
Montbretias.....	110
Peaches.....	114
Pears.....	114
Perennial Plants.....	111
Plums.....	114
Quinces.....	114
Raspberries.....	114
Red-Hot-Poker.....	110
Roses.....	112
Strawberries.....	114
Tritoma.....	110
Tuberoses.....	110

Sundries

Books on Gardening.....	114
Cultural Leaflets.....	46
Fertilizers.....	119
Insecticides & Fungicides.....	120
Tools and Requisites.....	115

W&D's MASTERPIECE ASTER

SEE PAGE 60



Weeber & Don

STURDY SEEDS

— Seed Merchants & Growers —

114 CHAMBERS STREET

NEW YORK